THE CATALOG

2024-2025

AMERICAN
PRINTING
HOUSE

We're Proud to Introduce This Year's New and Revised Products!

Alphabet Scramble Story Book R 43
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Coming Soon!

More information to come on these great products!

AnyMath Kit
Geometric Drawing Stencils
Memory Puzzle: Shapes
Monarch
My Very First Book of Shapes
OpticAware
Reach and Match Light
SENSEable STRIPS
Tactile Ionic Bonding Kit
Tactile Shape Slate

Get Social

Mission Statement

The American Printing House for the Blind promotes independence of people who are blind and visually impaired by providing specialized materials, products, and services needed for education and life.

Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

Federal Quota Funds Could Help Purchase APH Materials for Students

Who is Eligible for Federal Quota?

In order for students to be eligible for registration in The Federal Quota Program, they MUST meet the requirements as outlined in An Act to Promote the Education of the Blind.

All Eligible Students Must:

Meet the definition of blindness (MDB)—a central visual acuity of 20/200 or less (using a Snellen chart or an acuity determined in Snellen equivalents) in the better eye with the best correction or a peripheral field of vision no greater than 20 degrees,

-or-

Function at the definition of blindness (FDB)—when visual function meets the definition of blindness as determined by an eye care specialist (ophthalmologist or optometrist) or other medical doctor such as a neurologist. Students in this category manifest unique visual characteristics often found in conditions referred to as neurological, cortical, or cerebral visual impairment (e.g. brain injury or dysfunction).

-or-

If neither are met, school-aged students may also be eligible because they:

- Qualify under the Individuals with Disabilities Education Act (IDEA) definition of blindness: an impairment in vision, that, even with correction, adversely affects a child's educational performance (34 CFR §300.8(c)(13)).*

Additionally, Eligible Students Must:

- Be enrolled in a formally organized public or private, nonprofit educational program of less than college level.
- School-aged students including infants, toddlers and preschool students must be enrolled with the registering school or agency on the first Monday in January.
- Adult students must complete 120 hours of documented educational work in the preceding calendar year.
- Have parent/guardian or adult permission for registration.

The educational programs providing services to these students can include public, private, and parochial schools.

There is **NO chronological age limit for eligibility.** Federal law limits registration to persons working at less than college level but places no restriction on the ages of eligible students.

And:

Eligibility of Adults—There are two types of adults eligible for registration in the Federal Quota Program:

1. School-aged students registered with the Department of Education, aged 22 and over, are required by the federal government to be registered as adults in their grade field.
2. Adults in vocational or rehabilitation programs who have received a minimum of 120 hours of documented instruction in the previous calendar year also qualify for registration in this program. Social and leisure programs do not qualify as instruction. Student practice to develop skills can be included in instructional hours. These students should be registered by an agency serving adults in a vocational or rehabilitation program.

Eligibility of Infants—Eligible infants (birth to three) can be registered if they are enrolled in a formally organized, regularly scheduled educational or training program and have a written education plan. An individualized family service plan (IFSP) or any other written plan may be used. They can be registered with a note from their pediatrician, or any eye care specialist, stating they meet the definition of blindness since an actual acuity is impossible to obtain at this age.

Eligibility of School-Aged Students—Eligible children (preschool through high school) can be registered if they are enrolled in a formally organized, regularly scheduled educational or training program and have a written education plan. An IFSP, an individualized education program (IEP) under the Individuals with Disabilities Education Act, or any other written education plan may be used.

Eligibility of Homebound Students—Eligible homebound students can be registered if they are enrolled in a formally organized, regularly scheduled educational or training program, and have a written education plan.

Home Schooled Students—In order for students who are blind and low vision and are home schooled to prove eligible for registration, the home school program should meet the guidelines and/or procedures in effect within each individual state. Students must have a written education plan.

BRAILLE
BRAIN

FREE, self-paced online braille tutorials!

SCAN ME

President's Message

For the past few years, we've focused on one word throughout the year to describe how APH will move the organization and industry forward. This year, the word **Innovate** was front and center, whether it was related to product development or modernization, services, webinars or simply how we as employees did our jobs. And wow, did we hit the mark! The list is long but at the top of the list is the metamorphosis of the Monarch!

Throughout our storied history, some incredible ideas have sprung from within both APH and the industry for new products, but not all concepts could be brought to life for the consumer. However, sometimes all it takes is one idea to become a reality and it revolutionizes the field of education. That new reality is the Monarch.

The Monarch is a multiline braille display that for the first time brings braille and tactile graphics together on one device and bridges the gap by reducing the time it takes to get critical information to the fingertips of students. Innovation is the key to success for the Monarch. Together with our partners at HumanWare and the National Federation of the Blind, we are thrilled to offer the Monarch for sale in the Fall of 2024. This is the culmination of decades worth of ideas spinning around in the minds of many.

Innovation wasn't limited to the Monarch. Many other pioneering products were introduced this year, including:

***Sports Courts* –** This kit familiarizes students who are blind or low vision with a variety of common sports and encourages them to become active participants in athletic activities alongside their sighted peers.

***Music Braille Wheel* –** This is the perfect resource for any student, instructor, or parent who is not familiar with the music braille code. Each music braille note can be referenced by adjusting the top portion of the wheel.

***Sensing and Learning* –** The guidebook, modified from the Sensory and Learning Kit (SLK), is a program to increase sensory efficiency in activities designed to teach skills typically learned during the sensorimotor stage of cognitive development.

As a company, we also stayed focused with the ground-breaking and construction for our new museum, The Dot Experience. This new visitor experience will showcase the innovations of the past, present and future and will open in mid-2026.

Learn more about our vast array of products, services, and The Dot Experience in this catalog. Thank you, as always, for your support of APH.

Moving Forward,

Craig Meador, Ed.D.
APH President

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Prices Effective June 1, 2024

Note: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and others who provide services to students and adults who have vision loss and blindness.

⚠ **Warning:** These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.

CONNECTCENTER

Connecting the blindness community to a world of resources

Welcome to the **APH ConnectCenter**! This website offers FREE curated advice and resources to assist children, parents, adults, and job seekers who are blind or low vision, and their associated professionals. Through this website, you are able to access these ConnectCenter resources and much more:

- **FamilyConnect**: Offers support and resources for families of children who are blind or low vision.
- **CareerConnect**: Employment information, tools, and guidance for job seekers who are blind or low vision.
- **VisionAware**: Designed for adults and seniors who are living with vision loss.
- ConnectCalendar: For use by the entire blindness field to find and promote events, all in one place. **Promote and share** your organization’s event by adding it to the Calendar or **discover upcoming events**.
- **APH ConnectCenter Transition Hub**: Planning for graduation and life after school brings up a lot of questions. Find information about transition programs that emphasize empowerment, career exploration, and work experiences for teens and young adults who are blind or low vision.

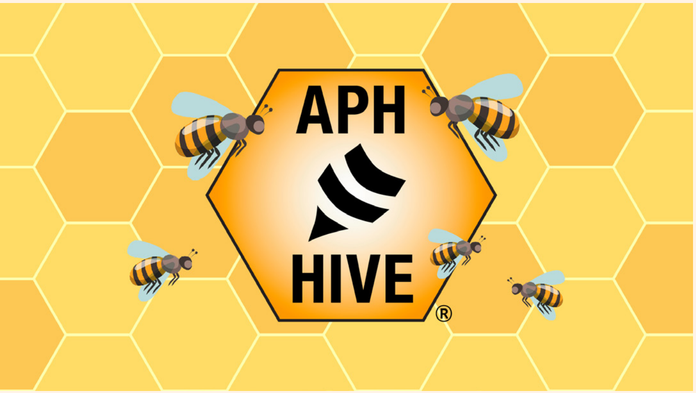
Have questions related to blindness or vision loss? Call **APH’s Information & Referral Hotline:** (800) 232-5463 or e-mail us at **connectcenter@aph.org**.

APH Press

The **APH Press** carries on the legacy of AFB Press as the leading publisher in the field of blindness and visual impairment. APH Press publishes educational content, including textbooks for teacher preparatory programs in the field of blindness and visual impairment to support teachers, families, and other professionals. Recent releases include:

- **Access Technology for Blind and Low Vision Accessibility** emphasizes opportunities for independence, leadership, and timely access to information for people who are blind or low vision. Access Technology is a follow-up to the 2008 edition that gives an overview of currently available technologies and tools and presents a new process for technology evaluation that ensures every student is supported to build the toolbox they need to break down barriers to access. Rather than using pre-determined checklists to evaluate technology skills, authors Yue-Ting Siu and Ike Presley present an inquiry-based approach for identifying needs related to individual instruction, advocacy for accessible formats, and how to achieve equity in information-rich environments.
- **Babies with CVI: Nurturing Visual Abilities and Development in Early Childhood** presents specific approaches, strategies, and activity suggestions that families and visual impairment professionals can use to meet the unique learning needs of a child with CVI. This guide includes the history and best practices related to the treatment of CVI in children from birth to 36 months.
- **ECC Essentials: Teaching the Expanded Core Curriculum to Students with Visual Impairments** is the first comprehensive book for teachers of students with visual impairments to focus on the nine areas of the Expanded Core Curriculum (ECC) that encompass the unique skills children and adolescents with visual impairments need to learn to access the core educational curriculum and become independent individuals, by providing the rationale, suggestions, and strategies necessary to implement instruction.

APH Virtual Learning Resources



The APH Hive is a virtual platform bringing free eLearning opportunities right into the comfort of your home or office, and is perfect for busy educators and families! Buzz over to aphhive.org and discover pathways leading to bite-size professional learning courses, and Professional Communities which houses curated resources, all related to vision loss and relevant to serving students from birth through graduation. This one-stop for professional development offers Academy for Certification of Vision Rehabilitation & Education Professionals (ACVREP®) continuing education units upon successful completion of a course.

Access
Academy

Access Academy provides meaningful education and training webinars you need to get the most out of APH products and services. From product tutorials to information on resources, services, and programs, our goal is to give information you need for home, classroom, and workplace settings. Most webinars also provide ACVREP credit. Visit aph.org/educational-resources/training/access-academy to access past and upcoming webinars.

CONNECTCENTER

Webinars

The majority of APH ConnectCenter webinars offer ACVREP and CRCC credit. Webinar topics vary and connect people with useful independent-living information and resources for children, parents, adults, and job seekers who are blind or low vision, including their associated professionals. Visit aphconnectcenter.org/webinars for upcoming and previously recorded webinars offer ACVREP and CRCC credit.

CHANGE MAKERS
An APH Podcast

APH has a big goal: creating a future that belongs to everyone. For more than 165 years, APH has created products and services that provide access for people who are blind or low vision. To create a world that welcomes everyone, we know it's going to take a lot of change makers. The Change Makers Podcast highlights everyone from CEOs to students who are making the biggest difference in our field. To date, Change Makers episodes have been downloaded **34,000** times throughout **92** countries. Listen and subscribe by visiting the Change Makers Podcast page on aph.org/change-makers.

Get Social

ABIDE

Accessibility · Belonging ·
Inclusion · Diversity · Equity

For over 165 years, APH has worked to level the playing field for students who are blind or low vision. In 2021, APH renewed its commitment to inclusivity and equity by establishing the department of Access, Belonging, Inclusion, Diversity, and Equity, known as ABIDE. In 2024, ABIDE is now re-strategizing to further enhance APH's efforts to welcome everyone - both internally, as well as externally to serve as a resource to our educators, families, and blind and low vision students, and for professionals in public, private, and non-profit sectors.

ABIDE envisions a future where Access, Belonging, Inclusion, Diversity, and Equity are ingrained in APH's fabric and is reflected globally.

Our mission is to ensure a transparent culture of true and full access, born accessibility, complete belonging, inclusion that drives decisions and outcomes, creates diversity reflective of APH'S mission and the broader society, and equity befitting each person's needs.

We are committed to enhancing the development of customer toolkits and training programs by incorporating feedback from a wide range of customers. Our aim is to address various important topics, surrounding access, belonging, inclusion diversity, and equity, ensuring our content reflects the diversity of the groups we serve. To achieve this, we are designing specialized evaluation and feedback forms that focus on the customer and user experience, enabling us to gather valuable insights and make informed improvements.

Additionally, with APH product users and customers in mind, ABIDE is invested in promoting:

- Accessible marketing/advertising depicting diverse representations of our partner educators, families and their students
- Universal design
- Accessible document and website design
- Products and services informed by diverse customer needs and preferences with a deep understanding of the communities being serve.

Overall, the ABIDE department at APH plays a critical role in advancing the organization's mission of ensuring that people who are blind or low vision have access to the educational resources and support they need to thrive, while also promoting a culture of true access/accessibility, belonging, inclusion, diversity, and equity throughout APH and the customer experience.

We look forward to partnering with you to offer customized training and support to meet your needs.

To learn more or request a training, please email us at abide@aph.org.

Thank You for Supporting APH

As a not-for-profit, 501(c)(3) organization, APH values our all of our donors who help ensure that we are able to serve a growing population of people of all ages who are blind or low vision – across the nation and around the world. APH programs, initiatives, services, and products empower people with vision loss to live as independently as possible. Your contribution makes that happen, and we are truly grateful for your partnership. Please donate at **bit.ly/donateaph**, or contact the APH Advancement Department by phone at 502-899-2351, or email at **development@aph.org**.

Coding and Electronics Products

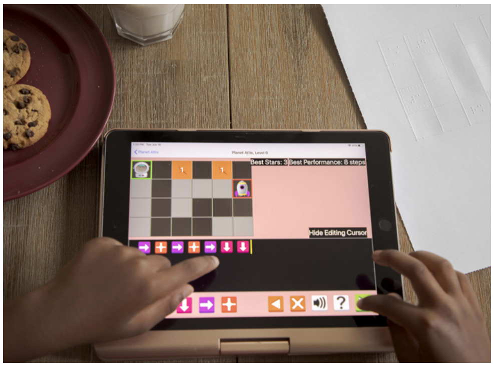
Learn foundational coding skills.

Help students who are blind or low vision learn foundational coding skills, like computational thinking and problem solving, with APH's line of coding and electronics products.

Coding Tools

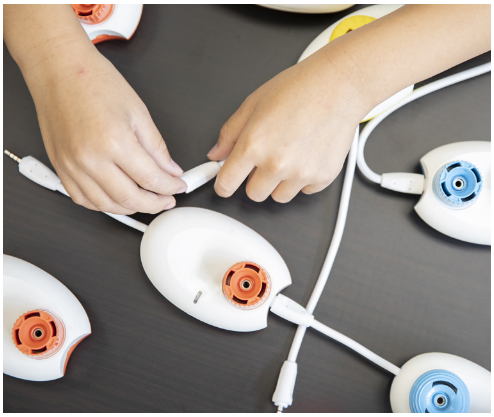
Accessible Code & Go® Mouse

The **Accessible Code & Go Mouse** provides a hands-on introduction to coding concepts and tactile graphics as students program Colby the mouse to race through the maze toward the cheese. Students will learn problem-solving, critical thinking, if-then logic, O&M skills, route planning, and much more.



CodeQuest (for iPad® and iPhone®)

Play **CodeQuest** and help your astronaut move across a grid-style game board to the spaceship. In each of the game's thirty levels, players start at row 1, column 1, and must program a route for the astronaut to follow to get back to the spaceship while avoiding obstacles. Along the way, players also learn coding concepts such as problem-solving, planning, computational thinking, loops, and sequencing.



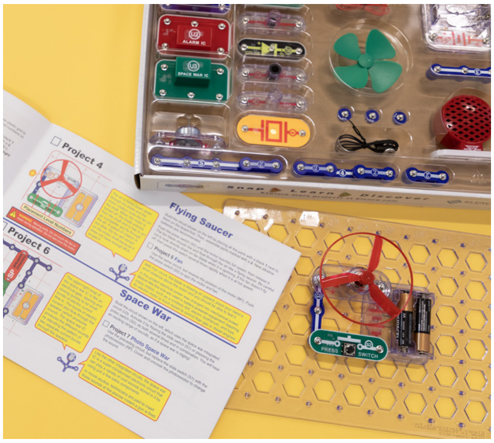
Code Jumper®

Originally designed by Microsoft® and developed by APH, **Code Jumper** teaches computer coding and programming skills through a unique, physical system. Code Jumper technology takes block coding off the screen and puts it on the table in front of you, making it accessible and fun for the whole class. Brightly colored plastic pods with oversized buttons and knobs are connected by "jumper cables" (thick cords) to physically create computer code that can tell stories, music, and even crack jokes. Check out the Code Jumper Puzzles **codejumper.com**.

Electronics

APH has adapted some of the most popular commercially available educational products from Elenco® to be accessible for builders who are blind or low vision. Kits are designed for students ages eight and up and contain parts labeled in braille and accessible project instructions. As students make the projects in our four kits, they will learn about electronics and improve numerous skill sets including the ability to follow step-by-step instructions, braille knowledge, tactile identification, spatial reasoning, coding, and programming skills.

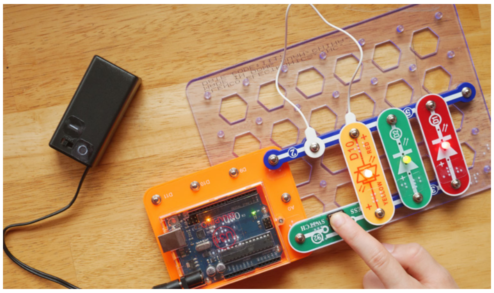
Snap Circuits® Jr. 130 Access Kit



An entry-level product for learning about circuits, currents, resistance, switches, motors, and other basic electronics concepts. The Snap Circuits Jr. 130 Access Kit, which is sold exclusively through APH, includes the commercial product, and makes it accessible to users who are blind or low vision by providing braille labeled parts, additional accessible circuit components, and written project instructions in braille and large print.

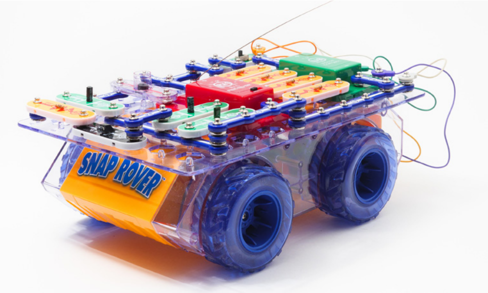
Snap Circuits Jr. 130 comes with 29 new projects and four additional components not included in the original APH Snap Circuits Jr. Access Kit – green fan, battery holder, motor, and fan.

Snapino™ Access Kit



Program your circuits with a mini computer using Snapino! Students can build circuits throughout 20 different projects by connecting the physical components on the breadboard and practice basic coding with the included Arduino board by plugging it into a computer and utilizing free software from the Arduino® website.

RC Snap Rover® Access Kit



Make projects that move with RC Snap Rover! Children will learn about electric switches, radio, gear movement, Morse Code, and more as they snap together colorful Snap Circuits parts to build an RC Snap Rover that can zoom across any surface with the included wireless remote control. Construct 25 projects like a remote-controlled rover, a light following rover, water detector, and more.

BRIC: Structures Access Kit

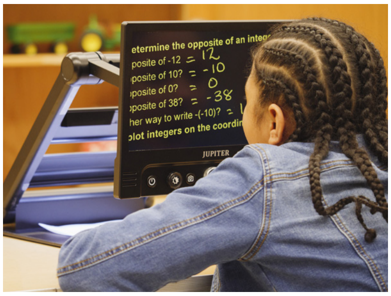
BRIC: STRUCTURES
INSTRUCTION MANUAL
PROJECTS
1-26

Bric-2-snap technology combines the use of ordinary building bricks with Snap Circuits to create circuits and real-world structures that run on electricity. Build 26 fun projects such as a light post, BRIC tower, BRIC bridge, and more with the BRIC: Structures Access Kit.

Magnifiers

See the world more clearly with APH's line of magnifiers.

APH has two desktop magnifiers (MATT Connect™ and Jupiter Portable Magnifier™) and two handheld magnifiers (Video Mag HD and Juno™).

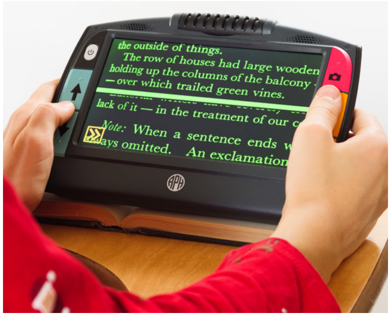


Jupiter Portable Magnifier

The **Jupiter Portable Magnifier** is a sleek and compact device that helps users of all ages see the world in high definition. Whether it's in the classroom, workplace, or at home, this powerful magnifier allows users to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. Use Jupiter's three camera modes (reading, distance-view, and self-view) to read a book or prescription bottle label, view a presentation or instructor at the front of the classroom, and complete grooming activities.

The MATT Connect V2.1

The MATT Connect v2.1 includes an updated Android 12 tablet capable of running the latest Android apps, faster boot times, and longer battery life! This all-in-one magnifier, distance viewer, and educational tablet enables students to magnify print documents, read books from online libraries, and much more!



Juno

Magnify on-the-go with this powerful, 7-inch LCD touchscreen handheld video magnifier with Optical Character Recognition (OCR). **Juno** is a great magnifying solution for use during school, work, and recreation activities. Juno can capture and process multiple pages of printed text using OCR, giving users the option to either read the document themselves or have the text spoken aloud using text-to-speech (TTS). Plus, Juno's 180-degree rotating barrel camera supports four camera modes (self-view, reading-view, distance-view, and writing/hobby-view), enabling users to complete grooming tasks, view documents, read a bulletin board, fill out a form, sew, and much more.

Video Mag HD

The **Video Mag HD** is a durable handheld video magnifier with a 4.3-inch LCD screen that provides crystal-clear, full-color images by magnifying whatever appears under its auto-focus HD camera by 2x-13x. It is ideal for viewing labels, price tags, receipts, and more.

Braille Technology

The future of braille technology at APH is bright.

Our roadmap of braille technology products is designed to spark innovation and improve the likelihood of school, college, work, and overall life success.

BrailleBuzz™

The handheld BrailleBuzz device is an instructional tool for young braille learners ages two to five. It promotes early literacy skills and encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. BrailleBuzz resembles a cartoon bumblebee, encouraging little ones with audio feedback.

Polly

An electronic Wi-Fi enabled braille learning device that teaches reading, typing, writing, vocabulary, and spelling in both contracted and uncontracted braille using a gamified approach.

Polly includes a 6-dot braille keyboard, an electronic slate, a speaker for instruction and feedback, and an online teacher portal, Helios, that allows remote access and progress monitoring for educators/parents. Teachers can create individualized lessons and customize the order for student's learning needs through Helios.

Chameleon™ 20

Developed specifically for education, with teachers and school-age children in mind, the Chameleon 20 enhances the classroom experience through innovation with a fun, positive technology experience that reinforces the joys of reading and writing. This sleek, 20-cell refreshable braille display with a Perkins-style keyboard connects to multiple devices via Bluetooth® and includes an editor, book reader, calculator, clock, and file manager so the device can also be used as a stand-alone notetaker. Now includes TTS and a simplified terminal mode!

Mantis™ Q40

Keep braille at your fingertips anytime, anywhere, with the Mantis Q40: a Bluetooth keyboard and 40-cell refreshable braille display. With the Mantis, users no longer need to choose between a keyboard or a braille device – at the same time a student or professional is typing on the Mantis, the refreshable braille below the keyboard is providing a multimodal braille complement to the screen reader, making it easier to participate in, and succeed at, school or work. Connect to other devices via USB or Bluetooth, or use the Mantis by itself to read books, edit and manage files, check the date and time, and make basic mathematical calculations.

PageBlaster™ and PixBlaster™ Embossers

Be the Boss of Your Embosser!

There are already many potential barriers between braille readers and the braille they need - working with hardware shouldn't be one of those barriers! That's why APH has partnered with HumanWare® and ViewPlus® to bring two embossers to quota.

The **PageBlaster** and **PixBlaster** embossers quickly, easily, and cost-effectively provide quality braille and tactile graphics.

PageBlaster and PixBlaster:

- prominently feature, are compatible with, and make use of APH's braille transcription software, BrailleBlaster
- work as a printer on any business or home network
- produce high-quality, double-sided interpoint braille and tactile graphics
- supports Duxbury and other popular braille transcription programs
- includes accessibility features, such as tactile, accessible labels on the control panel
- allow for USB and Wi-Fi connectivity
- include QR codes that link to training tutorials

PixBlaster
An APH Product
APH

MONARCH™

The Monarch dynamic tactile device, along with the development of a new file type called eBraille, bridges the educational gap for students by reducing the time it takes to get critical information to fingertips. Made possible through new braille cell technology, the Monarch receives digital textbooks from APH and other providers and then displays both the braille and tactile graphics on its refreshable braille display in less than two seconds. For the first time in history, students can harness the power of a built-in graphing calculator to craft intricate tactile graphs, empowering students to grasp complex mathematical concepts with confidence. But the Monarch isn't just about academic prowess – it's about equality and independence. By dramatically reducing the time it takes to gain access to braille textbooks, it ensures that no student is left behind. With the Monarch, students who are blind or low vision are leaders in their own educational journey.

Learn more at **aph.org/meet-monarch**

AMERICAN
PRINTING
HOUSE

156th Annual Meeting

October 2–4, 2024

Join APH staff as we celebrate another successful year of breaking down barriers and advocating for accessibility!

Annual Meeting allows Ex Officio Trustees (EOTs), EOT Census Assistants, Teachers of Students with Visual Impairments (TVIs), Online Ordering Assistants, and other attendees to network and learn more about new APH products, services, and initiatives.

This year's Annual Meeting will take place in Louisville, Kentucky on October 2-4, 2024 at the Louisville Marriott Downtown, 280 W. Jefferson Street, Louisville, KY.

Save the Date! APH 157th Annual Meeting October 15-17, 2025

InSights ART 2024

Each year, beginning in 1992, APH sponsors a juried art exhibition and awards and exhibition designed for artists of all ages who are blind and low vision. The Insights Art 2024 exhibition and awards will take place in Louisville, Kentucky during APH's 156th Annual Meeting of Ex Officio Trustees (EOT).

Any person who meets the following definition of blindness may submit artwork for the competition: corrected visual acuity of 20/200 or less in the better eye (determined by a Snellen Chart), or a visual field limited to 20 degrees or less. This includes those who function at the definition of blindness (FDB), listed above, due to brain injury or dysfunction.

Submissions are selected based on originality of concept, expressive use of media, and artistic excellence. The artwork must be created by the artist, with minimal assistance from anyone else. The work of students in preschool through 12th grade are critiqued by grade placement categories. The work of adult artists will be judged in categories according to medium. Judges are professionals in the art gallery/art museum field, art educators, and/or a practicing artist.

All entrants to APH InSights Art will receive a certificate. Award winners will receive a monetary award and a ribbon. Winners are invited to receive their awards during the APH Annual Meeting of Ex Officio Trustees.

For more information: Phone: 502-895-2045, ext. 457 or
Toll-Free: 800-223-1839, ext. 457 Fax: 502-899-2363 or E-mail: insights@aph.org

Core and Expanded Core Curriculum

Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

The American Printing House for the Blind, and most professionals in the field, firmly believe that students with vision loss need an expanded core curriculum that encompasses additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to students with low vision.

Dr. Philip Hatlen (1934–2016) Dr. Hatlen's numerous accomplishments included the original development of the Expanded Core Curriculum. Dr. Hatlen had many connections at APH, including acting as an Ex Officio Trustee and our Executive in Residence. Read more about the extraordinary Dr. Hatlen at the Hall of Fame on our website, **aph.org**, please search for Hall of Fame inductees Hatlen.

Download an Accessible PDF of the this years' catalogs from our homepage aph.org

Suggested APH Products for Children With CVI

Following are products that may be appropriate for use with children who have CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

All-In-One Boards: 1-08833-00, 1-08836-00	103
Animal Recipes: Farm Set: 1-03201-00	33
Astro Adventure Balls App: D-00410-AP	98
Bright Shapes Knob Puzzles: 1-03722-00	36
Color-by-Texture Marking Mats 1-03332-00	50
Color Raceway Kit: 1-08461-00	180
CVI Book Builder: 1-08825-00	141
CVI Companion Guide: 8-05073-EPUB and Print 8-05072-00	185
CVI Complexity Sequences Kit: 1-08156-00 and App	149
Expandable Calendar Boxes	113
Familiar Object Pictures: 1-08666-00	147
Flip-Over FACES App: Android D-30050-AN and iOS D-30050-AP	165
Flip-Over TEXTURES 1-08829-00	121
Giant Textured Beads 1-03778-00	47-48
Increasing Complexity Pegboard: 1-08160-00	142
Invisiboard: 1-08541-00	149
Joy Player: 1-07089-00	161
LED Light Box: 1-08655-00 and LED Mini-Lite Box: 1-08654-01	143
Light Box Materials Kit, Level 1: 1-08670-00 and Level 2: 1-08680-00	145
Match-It-Up Frames: Large Set 1-08827-00 and Small Set 1-08828-00	103
Mini-Lite Box Overlays: 1-08659-00	144
Pegs and Pegboard: 1-08665-00	147
Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00	156
SAM: Symbols and Meaning: 1-08854-00	112
Sensing and Learning 7-08614-00 and 7-08614-EPUB	46
Spangle Tangle: 1-08755-00	49
Spinner Overlays for the Light Box 1-08692-00	144
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Tangle Toy and Tangle Book Kit 1-08750-00	49

General Information

Service for 160+ Years

Since 1858, APH has been creating unique products for people who are blind, low vision, or deafblind.

Recommended Ages for Products

Recommended ages for products are expressed as functional age rather than chronological age.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with checks, credit cards, purchase orders, or with Federal Quota funds through an Ex Officio Trustee. Pricing in this catalog reflects pricing for our Federal Quota educational customers. Pricing may vary for Non-Quota customers. Refer to the inside back cover for an overview of Federal Quota. Prices in this catalog are effective June 1, 2024, and are subject to change without notice.

Ordering on the Web

Browse and search for APH products, then order using Federal Quota funds or a credit card.

Product Manuals

Most APH products have manuals available for free and immediate download, for printing or embossing as needed. Manuals can be found on the products online shopping page or at aph.org/manuals-downloads.

Questions?

Contact our Customer Service team
Monday through Friday
8:00 a.m. to 8:00 p.m. Eastern Time
1-800-223-1839 (toll-free U.S. and Canada)
email support@aph.org

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

▶ YouTube

Product videos available on APH's YouTube Channel. youtube.com/user/aphftb

APH Products for Sensory Impairments and Additional Disabilities

Children and adults with vision loss and multiple disabilities are diverse in their strengths and interests. APH has long embraced inclusive strategies in product development, resulting in many products appropriate for individuals with vision loss and/or aural impairments, and other disabilities. Below are featured highlights.

APH Intervention Continuum – Three Sequential Products

APH recommends that learners use the following three products sequentially:

Sensing and Learning — page 46
This guidebook provides assessments and describes the importance of eliminating barriers to learning while capitalizing on learners' interests to attract their attention and activate their brains to increase understanding and memory. The methodology uses the the highly effective research-based instructional strategy called "Routines" because they provide systematic direct instruction.

SAM: Symbols and Meaning — page 112
This kit is for learners with visual and multiple impairments, and pre-school children with vision loss who are beginning to use symbols.

Tactile Connections: Symbols for Communication — page 112
This kit helps learning partners create a tactile card communication system for learners who lack a formal means of communication. The versatility of the kit allows for symbolic skill expansion, from concrete to more abstract, and from single-word to multi-word communications.

Other Products for Multiple Disabilities

Expandable Calendar Boxes — page 113
A single "now" or "anticipation" box lets a learner know what is about to happen in their world. Two boxes together provide the concept of "now and next." Three boxes create a calendar.

Joy Player — page 161
APH designed its personal music player to accommodate individuals of any age who have varying abilities. This digital music player plays WAV and MP3 files.

Reach and Match Learning Kit and Inclusive Learning Program — page 38
This inclusive-designed product encourages self-teaching and group interaction. Active learning teaches colors, shapes, textures, orientation, and print letters and braille. Children learn concepts of near/far and front/back. 36 Alphabet Tiles are also sold separately.

Spangle Tangle — page 49
The reflective twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills. This fun kit includes self-sticking stands for use on tabletops or wheelchair trays.

LED Mini-Lite Box — page 143
This light box is an all-inclusive, person-centered learning tool for students of any age who are low vision, as well as students with CVI and other disabilities. It attaches to several commercially available table and wheelchair mounts.
aph.org/the-led-mini-lite-box-and-the-switches-that-operate-it

Assessment

NewT
INNOVATION by APH
Crayola MARKERS
260
17
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Anglers
Quartet Magnetic Dry-Erase Board

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Woodcock-Johnson IV (WJ IV)

Woodcock-Johnson® IV is a comprehensive set of assessments, administered individually, to identify learning difficulties and improve instructional outcomes for all ages.

The print and braille assessments are comprised of three batteries: Tests of Achievement, Tests of Cognitive Abilities, and Oral Language.

It is required to purchase the Form A publisher materials to administer the Large Print test. The APH large print kit includes only the student print materials. For the braille edition, the publisher manuals are referenced and the audio cds are required for administration of portions of the braille edition.

Form A publisher materials must be ordered directly from the test publisher.

How to Place Your Order:

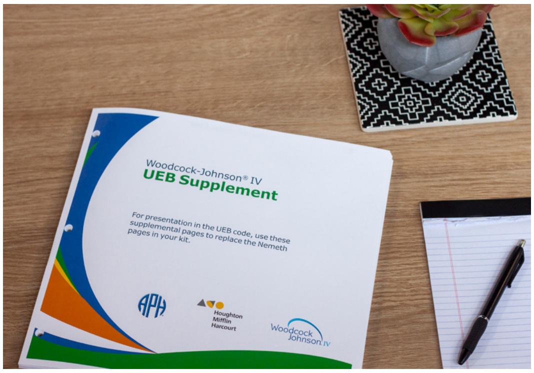
Via email: orders@riversideinsights.com
Via fax: 630.467.7192
Via phone: 800.323.9540
Inquiries: inquiry@riversideinsights.com
Via mail: Customer Service Riverside Insights One Pierce Place, Suite 900W, Itasca, IL 60143

For more information, please visit: riversideinsights.com

Note: It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV. Examiners must meet the qualifications for administering this assessment.

Recommended ages: Two years and up.

Print	Braille
4-66003-00 $614.81	**6-66001-00** $1,252.25

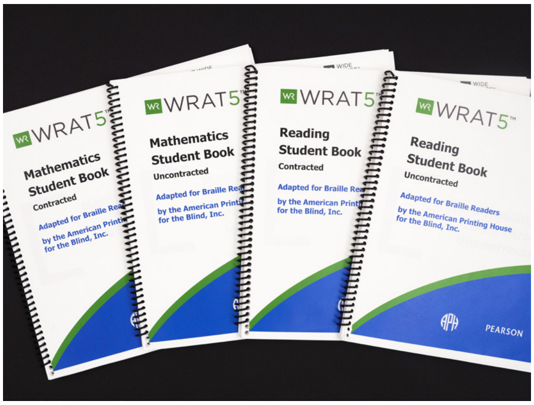

Woodcock-Johnson® IV
UEB Supplement
For presentation in the UEB code, use these supplemental pages to replace the Nemeth pages in your kit.
APH
Houghton Mifflin Harcourt
Woodcock Johnson IV

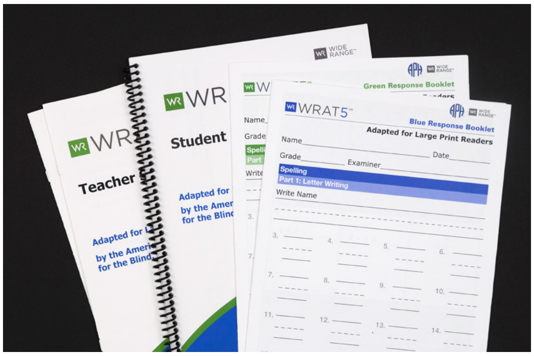
Woodcock-Johnson IV UEB Math Supplement UEB

The Woodcock-Johnson IV – UEB Math Supplement provides UEB Math/Science replacement pages originally in Nemeth. It is available for purchase to supplement the Woodcock-Johnson IV – Adapted for Braille Readers (6-66001-00)

Note: This is a separate product from the Woodcock-Johnson IV – Adapted for Braille Readers (6-66001-00). Customers who have previously purchased and need UEB with UEB technical for their students can purchase this supplement Future Woodcock-Johnson IV braille kits will include the supplement.

6-66002-00 $52.07


WRAT5
Mathematics Student Book
Contracted
Uncontracted
Reading Student Book
Adapted for Braille Readers by the American Printing House for the Blind, Inc.
APH
PEARSON


WRAT5
Teacher
Student
Green Response Booklet
Blue Response Booklet
Adapted for Large Print Readers
Spelling
Part 1: Letter Writing

WRAT5 UEB

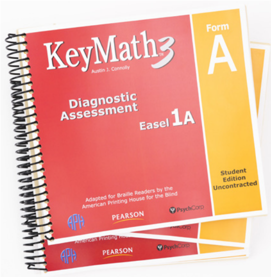
This quickly administered assessment (less than 45 minutes) provides immediate feedback to the teacher, expediting the development of the IEP or comparable education plan for the student. WRAT5™ is individually administered, enabling the teacher the opportunity to observe the student as he/she proceeds through the assessment and thus determine areas of strengths and needs in reading, math, spelling, and comprehension skills. Provided forms give teachers the ability to assess a student multiple times for initial evaluation, re-evaluation or for incremental progress checks.

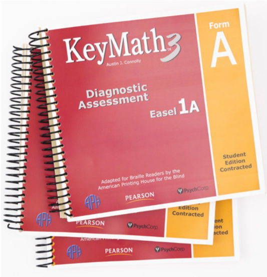
Braille	Print
6-79530-00 $196.01	**7-79530-00** $429.00

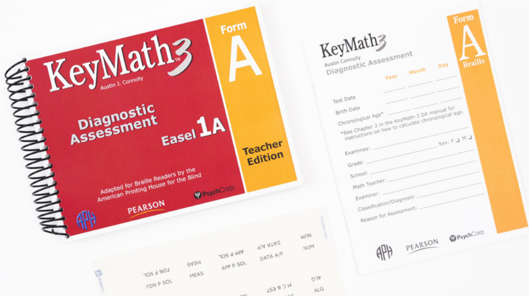
KeyMath™3

Aligned with the NCTM standards, this diagnostic assessment measures essential mathematical concepts and skills for students in Pre-K through ninth grades.

Administration time is usually 30-90 minutes and features ten subtests that cover basic concepts, operations, and applications.


KeyMath3
Form A
Diagnostic Assessment
Easel 1A
Student Edition Uncontracted
PEARSON


KeyMath3
Form A
Diagnostic Assessment
Easel 1A
Student Edition Contracted
PEARSON


KeyMath3
Form A
Diagnostic Assessment
Easel 1A
Teacher Edition
Braille
PEARSON

KeyMath3
Form A
Diagnostic Assessment
Easel 1A
Teacher Edition
Student Edition
Large Print
Written Computation Examinee Booklet
PEARSON

Braille Student Kit

Contracted	Uncontracted
5-65703-00 $294.13	**5-65704-00** $293.25

Teacher Guides for Student Braille Kit
7-65704-00 $234.07

Large Print Kit
7-65703-00 $395.17

Note: It is strongly suggested that a copy of the administration manuals be obtained for a clear understanding of the scoring and analysis of results. These materials must be ordered directly from Pearson Clinical Assessment 1-800-627-7271.

KeyMath™3 Supplement UEB

This is a supplement to the existing KeyMath3 kits which are produced in UEB with Nemeth. This supplement is produced in contracted UEB with the UEB math/science technical braille code. This assessment allows the assessor the ability to choose which portions of the assessment to complete in their preferred braille format (UEB with Nemeth or Math/Science UEB).

Written Computation Subtests-Contracted UEB Math/Science
Algebra-Contracted UEB Math/Science
Numeration-Contracted UEB Math/Science

Contracted	Uncontracted
5-65705-00 $165.00	**5-65706-00** $165.00

Note: APH recommends keeping all KeyMath Nemeth pages, even if you reside in a non-Nemeth state.

Boehm-3 Preschool CVI PARTS

Boehm-3 Preschool measures 26 basic concepts relevant to the preschool/early childhood curriculum. This test helps identify children who lack understanding in basic rational concepts so you can provide intervention sooner, increasing their chance of success in school. The Big Picture Kit manual and record forms are available in English and Spanish.

Recommended grade: Pre-K.

Big Picture Kit	**Tactile Kit**
1-03880-00 $325.00	**1-03882-00** $774.35

Boehm-3 K-2 CVI PARTS

Boehm-3 K-2 measures 50 basic concepts relevant to school success, helping identify students who may not have the learning experiences necessary to understanding key concepts. Developed for easy use with English- and Spanish-speaking students.

Recommended grades: K–two.

Big Picture Kit	**Tactile Kit**
1-03883-00 $555.32	**1-03884-00** $726.88

Notes for both Boehm-3 Kits: Boehm-3 Examiner's Manual is available through Pearson at: **pearsonclinical.com/language/products/100000188/boehm-test-of-basic-concepts-third-edition-boehm-3.html**

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above) but does not apply to this adaptation. Everything needed to administer the test to children with low vision is included in these kits.

The Boehm-3 Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with low vision students.

NewT Kit PARTS

This Kit includes accessible tools and activities for use with Functional Vision and Learning Media Assessment (NewT). It has everything you need to complete the Observations, Functional Vision Assessment, and Learning Media Assessment sections of the FVLMA.

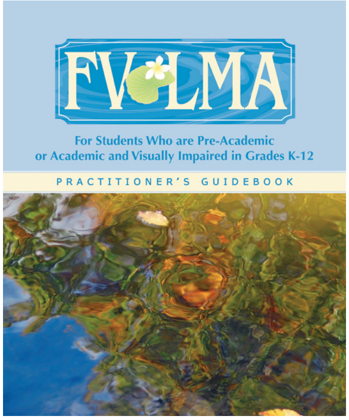
Includes

Sample graphs, maps, dictionary entries, reading samples, diagrams, news clippings, and catalog pages for grade levels K–12.

Recommended grades: Pre-academic to academic, K–12.

1-08149-00 $1,129.28

Functional Vision and Learning Media Assessment (FVLMA) Kit PARTS



FVLMA

For Students Who are Pre-Academic or Academic and Visually Impaired in Grades K-12

PRACTITIONER'S GUIDEBOOK

FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

Recommended grades: Students who are pre-academic in K–12.

7-96151-00 $54.53

Brigance Comprehensive Inventory of Basic Skills II

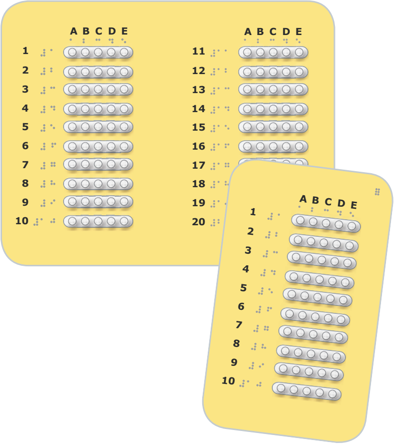
This product is a widely used academic assessment that has been adapted for the use of learners with limited or no vision. The assessment has a series of subtests that capture a learner's ability to complete math and reading/English Language Arts (ELA) exercises.

Uncontracted	**Contracted**	**Print**
5-17682-00	**5-17683-00**	**7-17682-00**
$1,397.00	$1,370.00	$385.00

Accessible Multiple Choice Answer Sheets: Pop-A-Dot and Braille

High-contrast layouts with print and tactile elements engage students so that test-taking can be fun! Sighted peers will also love these.

Recommended ages: Eight years and up.



Pop-A-Dot

These sheets make testing fun with "memory plastic" dots that are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Beginning level student sheets have one column with ten question numbers.

Advanced level student sheets have two columns with 20 question numbers.

Recommended ages: Eight years and up.

Pop-A-Dot (4-pk)
1-17003-00 $87.22

Braille Answer Sheets

Fifty generic sheets with question numbers 1–40 in large print and braille, in two columns, with multiple choice answers A-E.

5-17003-00 $14.00

Teacher's Pet

Teacher's Pet Online

Teacher's Pet Online is a free software which provides a rich environment for teachers and parents to create and edit audio and large print drills, practice exercises, or tests for students who are blind or low vision. The program both administers and records test sessions to track student progress. Students can easily interact with Teacher's Pet Online to provide responses, review answers, or browse through the set of questions. The questions include text, graphics, and sounds to help make the test or drill session more interesting.

Note: This product works on any web browser and can be used with APH's line of braille displays: Mantis Q40, Chameleon 20, and the recently discontinued Braille Trail Reader.

D-03461-OL FREE

Speckled Frogs
Illustrated by Matthew Poppe
APH
2

Early Childhood

Animal Recipes: Farm Set 33
Alphabet Scramble R 43
APH SoundPage 41
Best for a Nest, The 36
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Bright Shapes Knob Puzzles Kit 36
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  Scallop Switch 159
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  Vibrating Pad with Adapter 160
  Turbo Portable Fan with Adapter 160
Setting the Stage for Tactile Understanding 120
Word Associations Print/Braille Labels 115

Five Speckled Frogs N UEB

This installment in the On the Way to Literacy series follows five frogs as they enjoy a nature-filled setting, sitting on a log, and jumping off one by one until they are all cooling off in a refreshing pond. Use the storyboard to interact with the text by making the frogs physically "jump" off the log into the water as you recite the familiar children's rhyme.

1-08301-00 $289.00

Five Little Speckled Frogs

Tactile Theme Pack: In My Yard ⚠

This kit provides an assortment of exciting tactile items and textures that resemble things a child might find in their yard or at a local park, such as various plants, animals, and insects. The contents of this kit consist of reusable pieces that can be used to create outdoor themed tactile books, representations, and learning activities; or directly out of the box for early learning activities fostering development of concepts, tactual discrimination, and exploratory skills.

1-08823-00 $179.00

Animal Recipes: Farm Set UEB CVI

Designed for elementary students who have low vision and CVI, Animal Recipes is the first in a series of products that help students understand the salient features of animals as they build a cow, sheep, horse, goat, pig, goose, and rooster. Salient features are the key "ingredients" that make things unique. This kit includes a realistic, full-body corresponding plastic toy, translucent 3D puzzle pieces to create animals' faces, print and tactile overlays that represent the animals' bodies, and a label for the name of each animal in print and braille.

1-03201-00 $349.00

Les
Doigts
Qui
Rêvent

Les Doigts Qui Rêvent (LDQR)

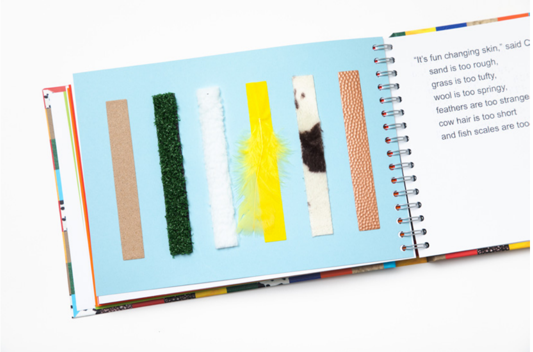
LDQR Storybooks have been featured in Outstanding Books for Young People with Disabilities, a catalog and exhibit organized by the International Board on Books for Young People (IBBY). IBBY is a non-profit organization representing an international network of people committed to bringing books and children together.

The storybooks and cards are produced for APH by the French tactile book publisher, Les Doigts Qui Rêvent (LDQR). Richly textured, collage-style illustrations with interactive features are visually attractive and have appeal for all young learners as well as adults sharing the books with a child. The illustrations' design is based on research into the needs of tactual learners. Text is provided in large print and contracted UEB, provided as clear, silk-screened braille of high quality and durability.

Titles change on a regular basis - visit our website to see available titles.

APH LDQR books run in two production runs containing limited stock. After the second batch of inventory is depleted, the books will not be available for sale. Six Little Dots and the Six Dots Game of Cards are an exception to this. Titles are listed from most recent.

Claudette Kraemer
Crokato,
the creature
whose skin
changes
UEB
APH


"It's fun changing skin," said C
sand is too rough,
grass is too tufty,
wool is too springy,
feathers are too strange
cow hair is too short
and fish scales are too

Crokato, the creature whose skin changes N UEB ⚠

Join Crokato on an enchanting adventure beyond his flowerpot home, exploring diverse textures and environments, where the heartwarming tale unfolds into a celebration of self-discovery that the best skin is the one you're already in.

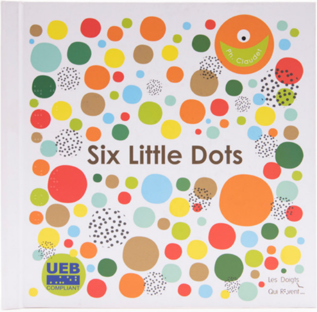
6-77961-00 $189.00

Six Little Dots UEB ⚠

Six Little Dots is a texture-rich story book about braille fundamentals. Each 1/2-inch braille dot is a different and distinctive texture and color. The print/braille text introduces the braille dots as story characters who inhabit a braille cell, as they take their place in the braille cell. Features charming text and tactile illustrations.

Recommended ages: Three years and up.

6-77954-00 $135.00


Six Little Dots
UEB

Meet Little Dot.
Round and soft,
he can hop from spot to spot!

Six Dots Game of Cards UEB

42 colorful tactile cards belong to one of seven different texture "families" (names in print and braille on each card). Within each family are six unique cards, each with a single textured Dot in numbered positions modeled after the arrangement of dots in a braille cell. The goal is to collect all six Dot cards needed to form a complete family.

1-03569-00 $79.00

SIX DOTS GAME OF CARDS
GROOVY

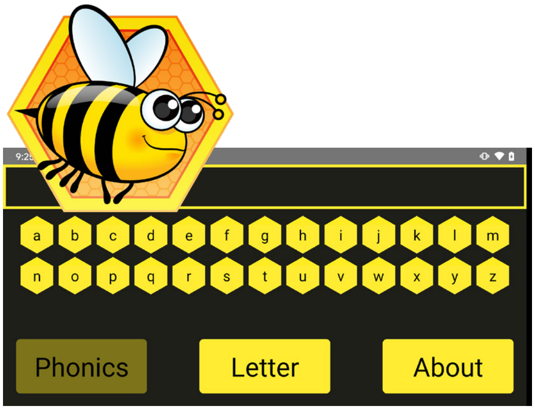
BrailleBuzz App ▶

The FREE BrailleBuzz App for Android™ and iOS® available only on the App Store for iPhone® and iPad uses a fun environment to introduce young children who are blind or low vision to some of their first experiences with electronic braille.

Now available in Spanish.

Available from the App Store:
D-30035-AP Free

Available from the Google Play Store:
D-30035-AN Free


a b c d e f g h i j k l m
n o p q r s t u v w x y z
Phonics
Letter
About

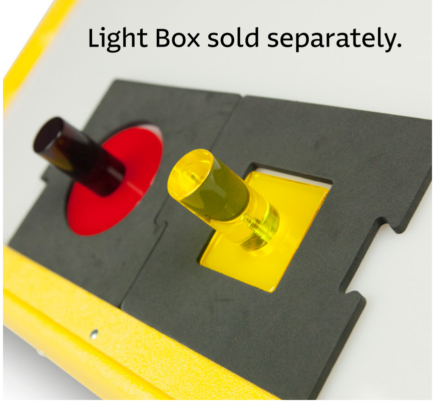
Going to the Playground ▶

Going to the Playground is a FREE app for iPad (for use with a 9.7-inch iPad ONLY) helps young children, ages three to five, learn orientation directions, such as left and right, in and out, and up and down, as they become familiar with the layout of a virtual playground. The app is self-voicing and includes bold and bright colors to further enhance the playground experience.

Note: This app can also be used with APH's Going to the Playground Overlays, clear overlays that introduce children to braille and tactile maps.

Available from the App Store:
D-30031-AP Free

Overlays
1-08148-00 $30.89



Light Box sold separately.

Bright Shapes Knob Puzzles CVI

Based on the shapes used in APH's Light Box Levels I-III Kits, Bright Shapes Knob Puzzles have knobs to help with grasping. Targeted skills include hand-eye coordination, relational concepts such as in/out, directionality, shape and color recognition, comparison, and patterning. Designed to be easily viewed on the APH Light Box, or can be used on its own.

Recommended ages: Two years and up.

1-03722-00 $169.00

The Best for a Nest
By Lois Harrell
APH
AMERICAN PRINTING HOUSE FOR THE BLIND, INC.
PO Box 6085 Louisville, Kentucky 40206-0085 ©2010 Catalog No: 5-12301-00

The Best for a Nest UEB ⚠

This large print/braille storybook includes color illustrations on each page that depict the text. Includes storyboard and tactile manipulatives, making the reading experience fun and meaningful.

Recommended ages: Two years and up

5-12301-01 $112.31

Holy Moly UEB ⚠

holy moly
APH
by Suzette Wright

A colorful, tactile board book with rhyming text and interactive components encourages young tactual learners to use their fingers to explore. The multisensory and interactive components engage the child in a movement or action that is connected to the text in a meaningful way. Sturdy, easy-to-turn pages.

Recommended ages: Birth to three years.

6-77910-00 $100.14

Laptime and Lullabies UEB ⚠

Use *Butterflies* and *Where's Little Fuzzy?* Storybooks (both with tactile/manipulative images, braille, and print components) to build language skills before beginning to read the written word. Skills addressed: reciprocal communication, texture discrimination, sensory efficiency, fine motor, spatial relationships, understanding of purposeful movement, cause and effect, and more. Recommended use with Laptime and Lullabies Parent Handbooks.

Each book has a durable flex binder, title in print/braille, and a manipulative image for identification. Pages can be wiped with a damp cloth.

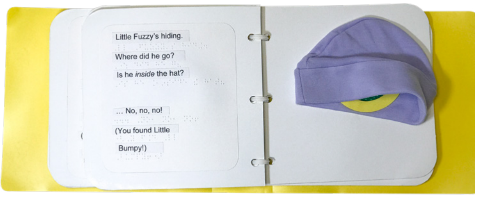
Butterflies PARTS

With this fun book of opposites, learn to navigate the page to find the Butterflies! Some are big, some are bumpy, some are hiding, and some have many friends to play with. Each butterfly is attached with hook-and-loop to allow manipulation. Butterfly finger puppet included. Replacement parts available.

Little Fuzzy's hiding.
Where? Can you guess?
Is he under the
blanket?
... Yes, yes, yes!
(You found him!)
4

Where's Little Fuzzy

Takes the reader on an adventure, learning about textures through introductions to Little Fuzzy and his friends hiding on each page. See if you can find them! Learn to open a door, reach into a pocket, or push Little Squeaky to hear a fun sound!


Little Fuzzy's hiding.
Where did he go?
Is he inside the hat?
... No, no, no!
(You found Little
Bumpy!)

6-77701-00 $359.00

Laptime and Lullabies
The First Chapters of Literacy… Long Before ABCs
Laptime and Lullabies
Sharing the Joys of Literacy With Your Infant or Toddler Who is Blind or Visually Impaired

Laptime and Lullabies: Parent Handbooks UEB PARTS

A set of 18 paperback handbooks to help parents incorporate developmental skills into everyday activities. Booklets one through four are recommended to be read consecutively; providing background information about visual impairments and infant development. The remaining booklets cover various topics through the toddler years with suggestions and support for developing concepts necessary for independence and emergent literacy. Laptime and Lullabies Storybooks are mentioned throughout the reading and are a recommended supplement.

6-77702-00 $159.28

Reach and Match Learning Kit and Inclusive Learning Program UEB CVI PARTS

An innovative system for students with sensory impairment and other special needs to learn and engage with their peers. Includes four large puzzle piece mats, each a different color. One side of each mat has a texture with a tactile pattern that matches corresponding tiles. The other side has the same texture but with a recessed white path. Along the path are cut-out shapes that correspond to the same tiles. The tiles are stored in a round pillow with a zipper closure that is placed in the middle of the mats. 36 **Reach & Match Alphabet Tiles** are also sold separately.

Recommended ages: Three years and up.

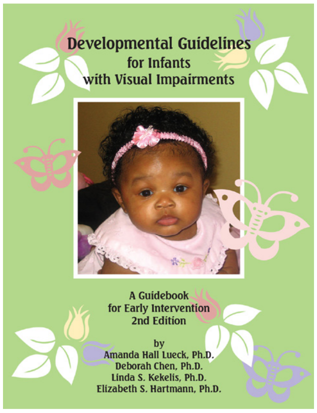
1-08816-00 $1,099.00

Developmental Guidelines for Infants with Visual Impairments

This guidebook is geared toward early intervention. It contains a wealth of information based on recent research and empirically-based observations about the development of infants with visual impairments. Professionals and caregivers will learn the sequence in which many skills develop.

Note: Developmental Guidelines was designed mainly for professionals who serve infants with visual impairments.

8-50701-00 $88.47


Developmental Guidelines
for Infants
with Visual Impairments
A Guidebook
for Early Intervention
2nd Edition
by
Amanda Hall Lueck, Ph.D.
Deborah Chen, Ph.D.
Linda S. Kekelis, Ph.D.
Elizabeth S. Hartmann, Ph.D.

Everyday Activities Calendar

This idea-filled calendar suggests a fun preschool activity for each day of the year. This large print/braille calendar does not track any specific year but can be used year after year.

Recommended ages: Three years and up.

1-08121-00 $171.00

CALENDAR
everyday
EXPOSURE
to
EXPERIENCES
for
ENJOYMENT

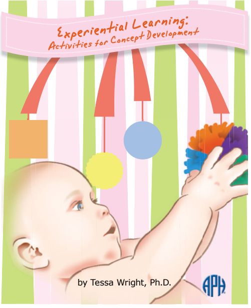
Experiential Learning:

Activities for Concept Development

Each section in this guidebook contains a brief overview of the skill or concept being addressed. The overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used for each activity.

Recommended ages: Birth to three years, also has activities appropriate for older children working on the six developmental areas.

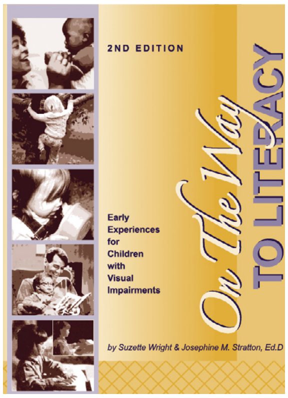
Large Print
8-50705-00 $14.00


Experiential Learning:
Activities for Concept Development
by Tessa Wright, Ph.D.
APH

On the Way to Literacy: Early Experiences for Children who are Visually Impaired

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind or low vision.

Recommended ages for storybooks: Two and a half to five years, except Gumdrop Tree.


2ND EDITION
On The Way
TO LITERACY
Early Experiences for Children with Visual Impairments
by Suzette Wright & Josephine M. Stratton, Ed.D

On The Way To Literacy Handbook, 2nd Edition

This handbook brings together material from a variety of sources to assist parents and teachers in fostering emergent literacy skills, and suggests ways to use everyday events to support a child's learning in these key areas:

- Early communication and language
- Skills needed for learning through touch and for reading braille
- Awareness of the many ways print and braille are used, knowledge of print and braille conventions, and the relationship of letters and letter-sounds.

Print	Braille
8-77520-00 $60.00	**6-77520-00** $246.00

Storybooks With Real Objects and Textures

Giggly-Wiggly, Snickety-Snick

Words capture a range of tactile experiences. Real objects (not included) can be added to envelopes on the pages.

6-77502-05 $118.51

Geraldine's Blanket UEB

A girl's treasured blanket becomes worn and patched over time but is never outgrown. Squares of fabric illustrate the fate of the blanket.

6-77501-02 $149.00

Something Special

A young child searches for a lost possession; features objects affixed to the book pages.

6-77500-05 $99.00

The Caterpillar UEB ⚠

This read-aloud tactile storybook with large print/braille text (contracted UEB) is designed to assist young children in developing key literacy skills such as listening comprehension, phonological awareness, oral language, and object/shape recognition.

Initially produced in 1993, this revised On the Way to Literacy classic, contains a rewritten text with exciting tactile illustrations containing textures and objects rather than the raised line drawings used in the original book.

6-77510-02 $159.00

And I showed him what he would become...

Storybooks Illustrated With Thermoforms

(Molded Plastic Shapes)

Jennifer's Messes

Familiar objects such as cereal, pretzels, and crayons illustrate the messes made by Jennifer.

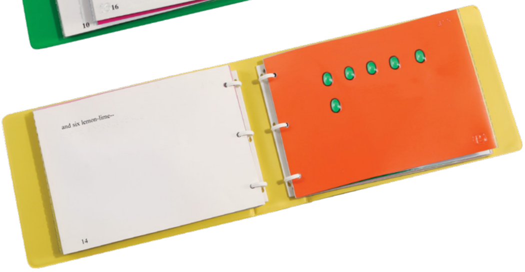
6-77500-06 $109.00

Jellybean Jungle PARTS

Multiple scented stickers included.

A counting rhyme about a magical jungle filled with jellybeans.

6-77502-01 $109.00

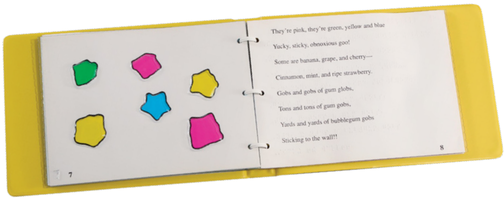


APH SoundPage PARTS

The APH SoundPage allows readers to create their own sound effects and recordings. Holds up to three 10-second digital recording/playback devices (two included in basic set), the page can be clipped into the 3-Ring binder of any OTWL storybook.

6-77505-00 $73.08

Under the chairs and over the floor,
On the bannister rails—stuck to the door,
You can't sit down or turn the knob
Or walk upstairs—without finding a blob!
Gobs and gobs of gum globs,
Tons and tons of gum gobs,
Yards and yards of bubblegum gobs
Sticking to the wall!!

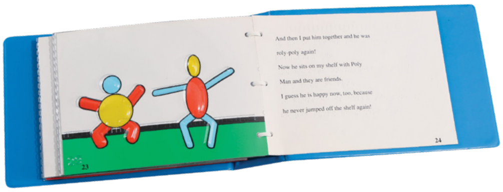


Gobs of Gum PARTS

Multiple scented stickers included.

A rhyming story about "big blobs, small gobs, and sticky icky strings of bubble gum."

6-77500-08 $59.00



Roly-Poly Man

A story about a young child who creates a "roly-poly" figure from pieces of clay.

6-77500-07 $79.00

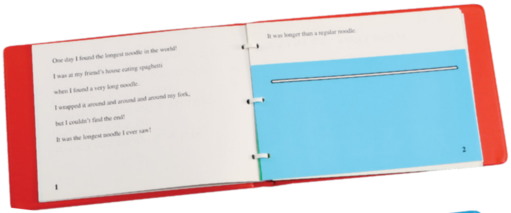
Special Storybook Lets Children Create a Story About Themselves

Book About Me

A "Me Book" for children to create. Comes with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.

6-77500-10 $30.00

Storybooks With Raised-Line Drawings



The Longest Noodle

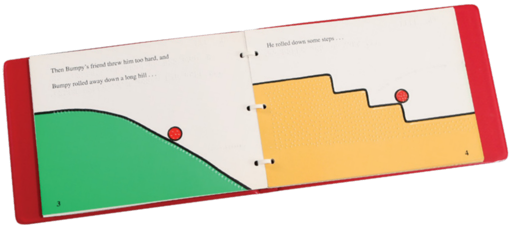
A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.

6-77500-01 $37.00

The Blue Balloon

A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.

6-77501-03 $80.45



Bumpy Rolls Away

Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.

6-77500-03 $49.12

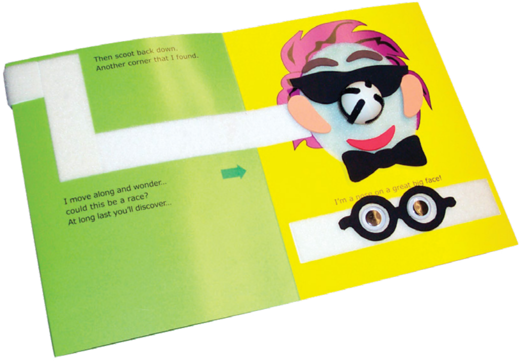
Now the first ten have crossed.
It's time to review . . .
25

"Yeah!" said u
"You need the rest of us.
We have to stick together.
To spell words it's a must."
u U
51

Alphabet Scramble R UEB

Modernized to incorporate UEB, Alphabet Scramble tells the story of a family of alphabet letters as each sets out to explore the page. This rhyming storybook provides exposure to upper- and lower-case braille and large print letters, letter names, the sequence of the alphabet, and includes the letter word contraction associated with each braille letter.

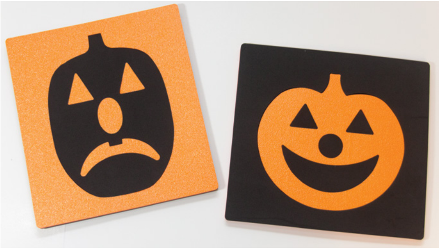
5-01199-01 $69.00


Then scoot back down.
Another corner that I found.
I move along and wonder...
could this be a race?
At long last you'll discover...
I'm a nose on a great big face!

Rolling Into Place ⚠

As the hook-and-loop material ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive hook-and-loop material face pieces and suggested activities.

1-08450-00 $114.97



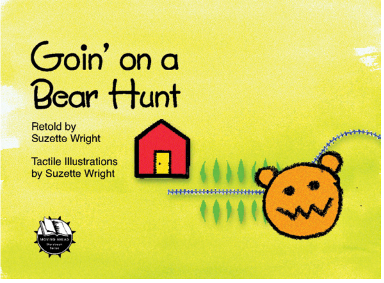
Pumpkin Puzzles

APH offers two pumpkin puzzles related to The Littlest Pumpkin storybook. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible.

1-08835-01 29.00

Moving Ahead Series

A follow-up to APH's On the Way to Literacy Series, Moving Ahead storybooks are designed for Pre-K to early elementary school students and introduce symbolic representation, more complex illustrations, and increased emphasis on print/braille text. Books (except where noted) feature storyboards with movable symbols for the story's characters, allowing the child to retell the story and create their own tactile displays. Individual words on customer-applied braille labels are included. Each storybook is accompanied by a large print Reader's Guide (braille edition available as a free download) with general information and tips on guiding the reader's tactual exploration of illustrations.

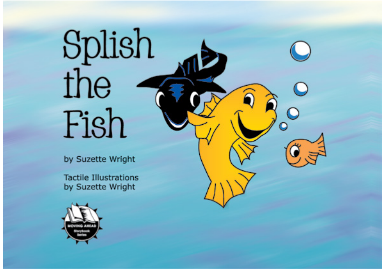

Goin' on a Bear Hunt
Retold by Suzette Wright
Tactile Illustrations by Suzette Wright

Goin' on a Bear Hunt

Go on a bear hunt by following a raised line across this story's tactile landscape.

Recommended grades: Pre-K to third grade.

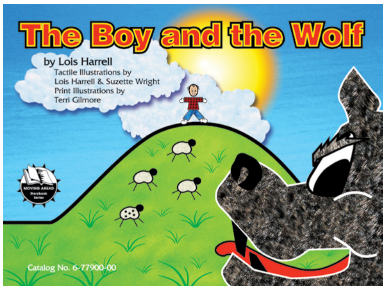
6-77903-00 $80.77


Splish the Fish
by Suzette Wright
Tactile Illustrations by Suzette Wright

Splish the Fish

Search for Splish—above, below, near and far—to help him find his way back to his friends.

6-77902-00 $127.04

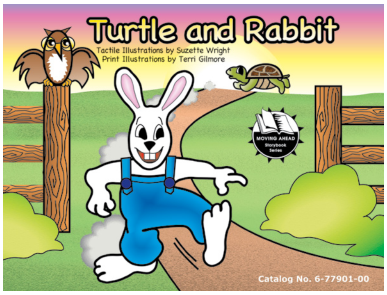

The Boy and the Wolf
by Lois Harrell
Tactile Illustrations by Lois Harrell & Suzette Wright
Print Illustrations by Terri Gilmore
Catalog No. 6-77900-00

The Boy and the Wolf

Search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations and other features.

Recommended grades: Pre-K to Kindergarten.

6-77900-00 $128.08


Turtle and Rabbit
Tactile Illustrations by Suzette Wright
Print Illustrations by Terri Gilmore
Catalog No. 6-77901-00

Turtle and Rabbit

Follow the paths and progress of the classic race between the tortoise and the hare.

Recommended grades: Pre-K to second grade.

6-77901-00 $135.77

Tactile Book Builder Kit ⚠ PARTS

The Tactile Book Builder Kit contains a wide selection of materials, enabling users to quickly custom-make books of many kinds—firsthand experience storybooks, concept books, simple texture books, informational books, alphabet books, adaptations of print books, and more!

A large, varied assortment of pre-cut pages permits easy attachment of objects and presentation of collaged textures, shapes, raised-line drawings, and multisensory elements as illustration. Braille paper, braille label material, and clear page protectors offer multiple ways to add braille and print text. All pages fit into sturdy plastic binders with reclosable safety loops. Binders feature an open-view front to allow users to create and insert their own tactile cover art.

The Tactile Book Builder Kit includes one TBB SoundPage with three digital recording devices.

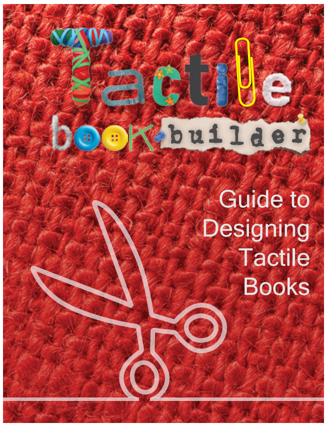
Note: Binders and pages in Tactile Book Builder and CVI Book Builder can be used interchangeably. Most kit components are available as replacement parts.

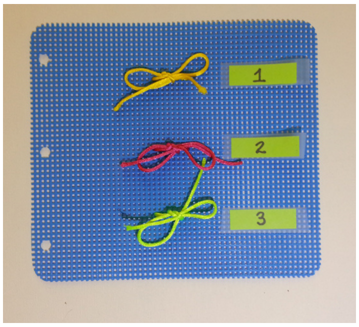
1-08826-00 $649.00

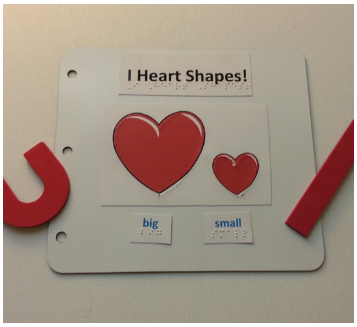
Included (also available separately) is the *Tactile Book Builder: Guide to Designing Tactile Books*

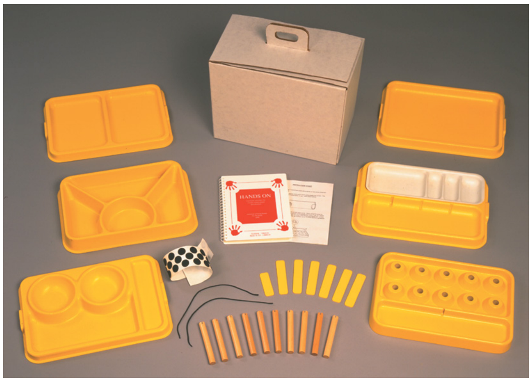
This guidebook assists teachers and caregivers in addressing topics such as learning through touch, principles of good tactual design, and fine motor, exploratory, and cognitive skills needed to examine and interpret tactile illustrations in addition to much more.

7-08826-00 $25.00







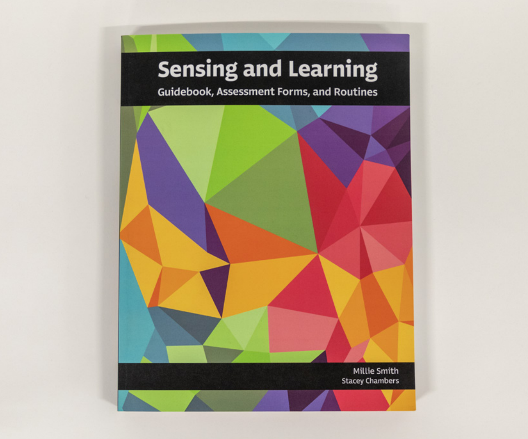


HANDS ON: Functional Activities for Visually Impaired Preschoolers PARTS

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image. For parents and professionals.

Recommended ages: Three to six years.

1-03260-00 $331.32


Sensing and Learning
Guidebook, Assessment Forms, and Routines
Millie Smith
Stacey Chambers

Sensing and Learning CVI

The newly enhanced Sensory Learning Kit (SLK) is a guidebook designed to help develop the curiosity of learners with disabilities. Sensing and Learning includes new research and provides instructors with tools to conduct sensory efficiency and learning media assessments; address IEP areas such as instructional settings, accommodations, and goals; and provide highly effective instruction using a collaborative, consultation-service delivery model.

7-08614-00 $34.95 **7-08614-EPUB** $24.95

Tactile Treasures: Math and Language Concepts for Young Children With Visual Impairments PARTS

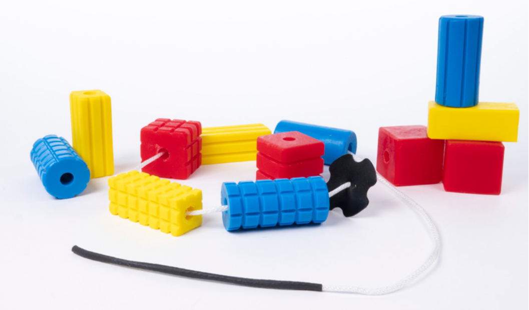
An informal assessment and teaching tool for use with children to develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced.

Note: Large print guidebook included, braille guidebook available separately.

Recommended ages: Three years and up.

1-08842-01 $506.00

Giant Textured Beads CVI ⚠ PARTS

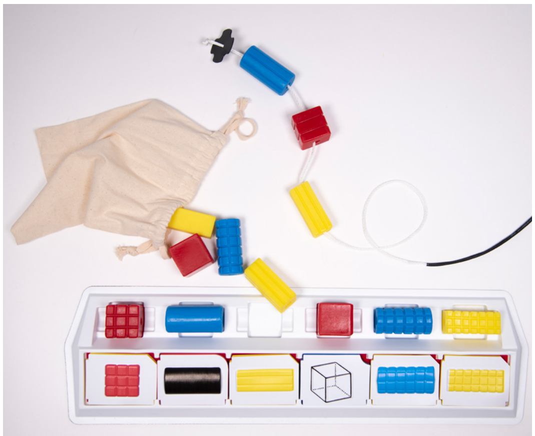


Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures. Bead stringer included.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

Recommended ages: Three to six years.

1-03780-00 $71.00

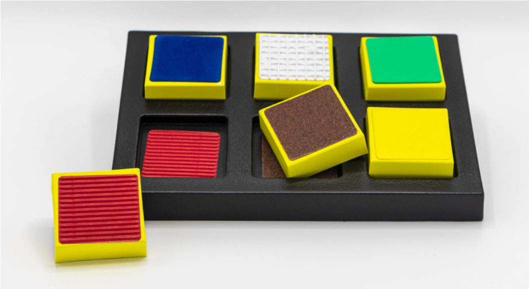


Giant Textured Beads With Pattern Matching Cards CVI ⚠ PARTS

This kit is designed with preschool through early elementary students in mind. Pattern Matching Cards reinforce the tactile continuum from real objects (most basic level) to raised-line graphics (most advanced level). Students in higher grades will be challenged by the increasing difficulty posed by the “Platform” and “3-D View” matching cards.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

1-03778-00 $210.65



Textures/colors may change depending on material availability.

Textured Matching Blocks CVI

Encourages recognition of textures, identification by name, and tactual matching, while reinforcing directional and positional concepts.

Recommended ages: Three to six years.

1-08950-00 $72.00

Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Recommended ages: Three years and up.

1-08710-00 $92.60

Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination. Eight shakers with four different sounds.

Recommended ages: Three years and up.

1-08720-00 $59.00

Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

Recommended ages: One to three years.

1-08590-00 $21.00

Tangle Toy and Tangle Book Kit UEB CVI ⚠ PARTS

With its infinite knot shapes and variety of colors and textures, the Tangle Toy can be used to encourage a child to explore, move, and play. Tangle Book activities and games help both children who are sighted and children who are blind or low vision refine motor skills, color discrimination, and tactile discrimination.

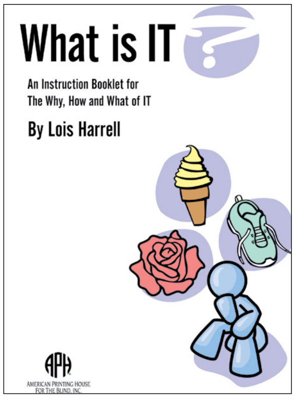
1-08750-00 $74.50

Spangle Tangle: Play and Explore UEB CVI ⚠ PARTS

Micro-suction-based mounts adhere to smooth surfaces to provide opportunities for all learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

1-08755-00 $131.00

Spangle Tangle
APH

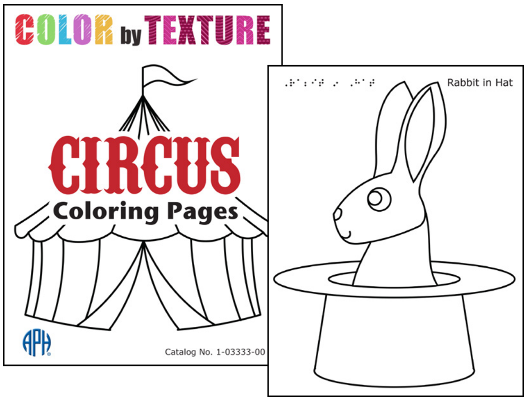

What is IT
An Instruction Booklet for
The Why, How and What of IT
By Lois Harrell

What is IT? Kit UEB

With an active introduction to details contributing to the whole, the child will gain the foundation for comparative thinking, leading to the ability to generalize and communicate independently.

Recommended grades: Pre-K and up.

1-03535-01 $89.00


COLOR by TEXTURE
CIRCUS
Coloring Pages
Catalog No. 1-03333-00
Rabbit in Hat

Color-by-Texture

CIRCUS Coloring Pages UEB CVI

These theme-based coloring pages complement APH's Color-by-Texture Marking Mats. These raised-line coloring pages facilitate a variety of art activities for young children and students who are blind or low vision.

Recommended ages: Six years and up.

1-03333-00 $33.85

COLOR by TEXTURE
COLOR by TEXTURE

Marking Mats CVI PARTS

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences.

The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

1-03332-00 $167.68

Work-Play Trays CVI

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, and counting. Two sizes and colors available.

Small Work-Play Tray
17x11 3/4 inches

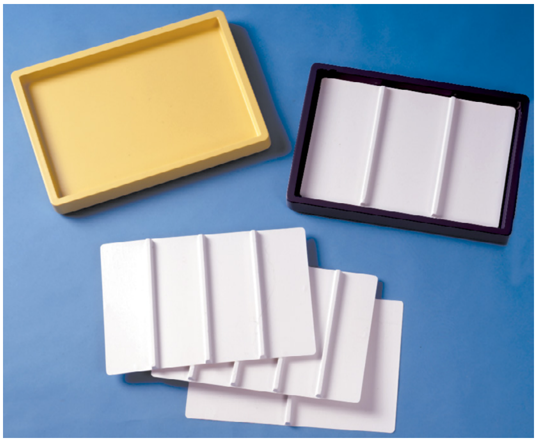
Black 1-03751-00 $24.50

Yellow 1-03660-00 $26.00

Dividers (4-pk)
for Small Work-Play Tray
1-03770-00 $36.00

Large Work-Play Tray
21 1/4x13 1/4 inches

Black 1-03761-00 $26.87



Jumbo Work/Play Tray CVI

The Jumbo Work/Play Tray provides learners who have visual impairments and/or other significant challenges with a tool with which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach. A yellow liner accompanies the tray for additional color contrast.

1-03764-00 $69.00

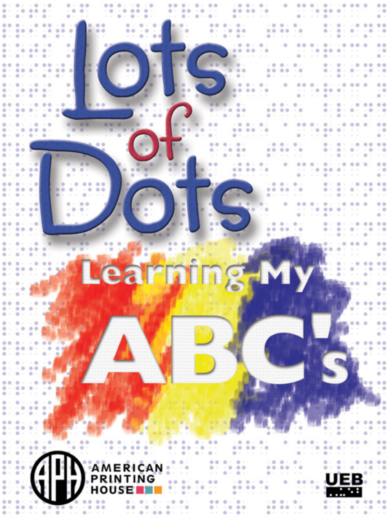
Balls not included.

Lots of Dots Coloring Book Series UEB

An exciting set of three raised-line coloring books designed for future large print and braille readers. The books are designed for sequential use; children develop character recognition, pre-literacy, and pre-math skills, and eventually picture building and daily living skills.

Accompanying each book are suggested enrichment exercises for each letter, number, or word, allowing a child to fully associate the print letter, the braille, the tactile graphic, and the object.

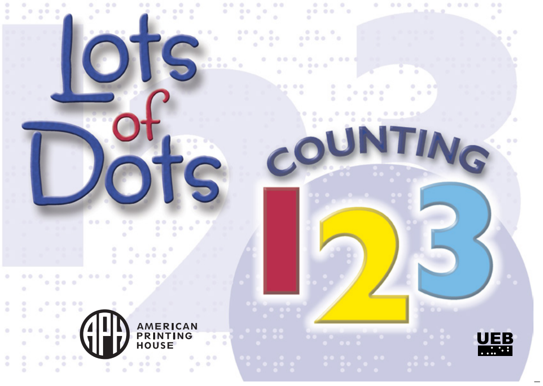
Recommended grades: Pre-K and up.



Learning My ABC's UEB

Facilitates braille character recognition through repetitive activities. Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter. Includes six foam dots for instant recall. Uncontracted braille. Accompanying enrichment guide is UEB.

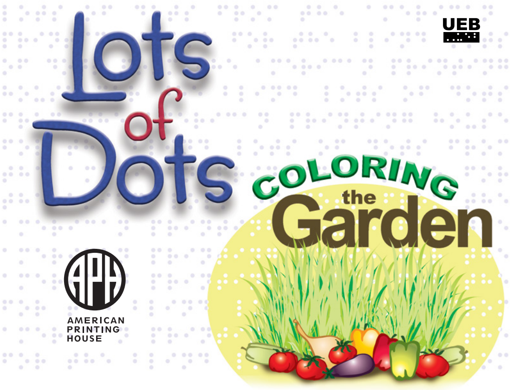
1-10000-01 $74.00



Counting 1 2 3 UEB

Presents numbers zero–30 and then integers of 10 up to 90. Attached to the inside front cover is a plastic stencil of three large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. Includes 18 foam dots for instant recall. Uncontracted braille. Accompanying enrichment guide is UEB.

1-10001-01 $110.00

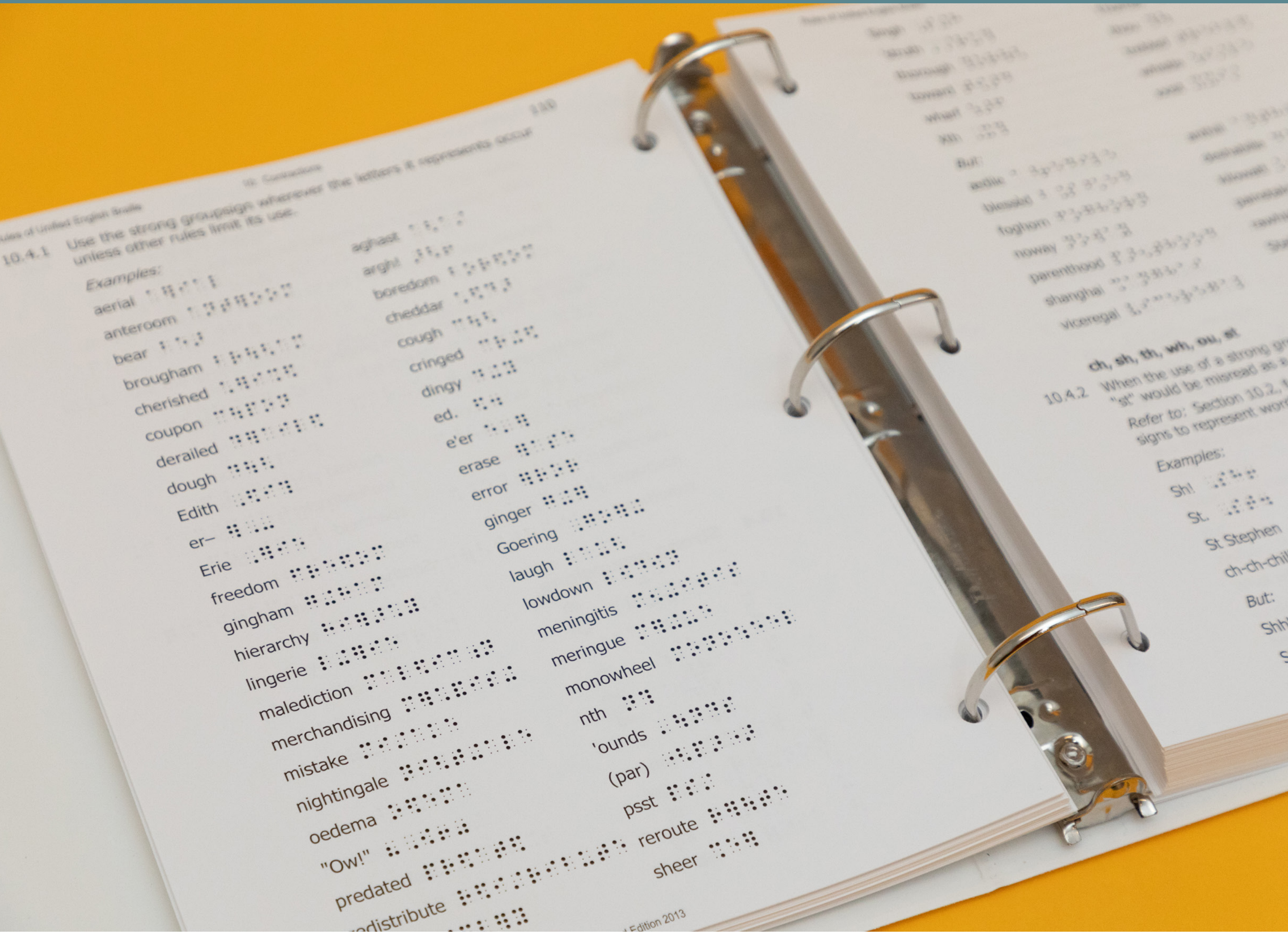


Coloring the Garden UEB

Presents a variety of fruits, vegetables, and herbs, and introduces picture building. Beginning with an empty garden; each page adds a new feature (clouds, rain, seeds, and plants). Once the garden has grown, a new garden item is introduced for the child to color. Includes contracted and uncontracted braille. Accompanying enrichment guide is UEB.

1-10002-01 $69.00

English Language Arts



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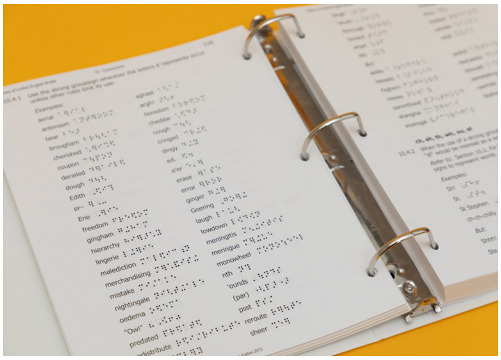


Rules of UEB N UEB

This rulebook was developed by the International Council on English Braille to unify the braille codes among English-speaking countries.

Braille	Print
5-91118-00 $589.00	**7-91118-00** $109.00

Tactile Editing Marks Kit UEB PARTS

The use of tactile editing marks provides beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces. This enables students to write final correct copies of their work independently.

Recommended ages: Five years and up.

1-08896-00 $83.55

All Aboard! Magnetic/Dry Erase Board UEB

Use for activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13 1/2 x 10 11/16 inches and is affixed to red rigid vinyl that provides a visual border.

Recommended ages: All.

1-03559-00 $39.27

Wilson Reading System® (WRS) and Instructional Materials UEB

Third Edition

A complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

For more information and professional development opportunities on the use of the program and certification, visit wilsonlanguage.com.

Teacher Manuals may be ordered from the Wilson Language Training website.

Recommended grades: Two and up.

Note: WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.

WRS, Student Reader Kit, Braille

Third Edition

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets

6-79511-SK1 $480.00

Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure

6-79511-SK2 $406.00

Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure

6-79511-SK3 $349.00

1A
Student Workbook
One A
1B
Student Workbook
One B
1
Supplemental
Braille Worksheets
One
1
Student Reader
One
1
Student Reader
One

2
Supplemental
Braille Worksheets
Two
2A
Student Workbook
Two A
2B
Student Workbook
Two B
2
Student Reader
Two
2
Student Reader
Two

3A
Student Workbook
Three A
3
Supplemental
Braille Worksheets
Three
3B
Student Workbook
Three B
3
Student Reader
Three
3
Student Reader
Three

LARGE PRINT EDITION
1A
Student Workbook
One A
1
Student Large Print Kit
One
1B
Student Workbook
One B
Student Reader
One

WRS, Student Reader Kit, Large Print

Third Edition

Student Reader One and Workbooks 1A and 1B

8-79501-SK1 $54.86

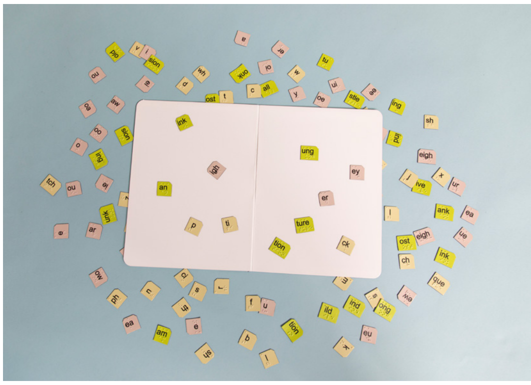
Student Reader Two and Workbooks 2A and 2B

8-79501-SK2 $51.26

Student Reader Three and Workbooks 3A and 3B

8-79501-SK3 $51.28

Wilson Reading System
Large Print / Braille Edition
Word and Sound Card Sets



WRS Instructional Materials ⚠

Third Edition

Card Sets w/Carry Case

6-79515-00 $548.81

WADE Sheets

6-79517-00 $46.56

Print/Braille Magnetic Tiles and Journal

6-79516-00 $69.00

Word PlayHouse ⚠

Helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills, including, letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.

Recommended ages: Five to eight years

1-03562-00 $395.81

Braille Contraction Cards UEB

These large print/braille flashcards are for practicing the Literacy Braille contractions.

Includes 282 cards, 78 blank cards, 30 indexing cards with tabs, and a storage box.

Recommended ages: Six years and up.

1-03561-01 $60.18

Expanded Dolch Word Cards UEB

These large print/braille flashcards can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and spell words in uncontracted braille.

Recommended ages: Five years and up.

1-03560-01 $67.46

Mathematics

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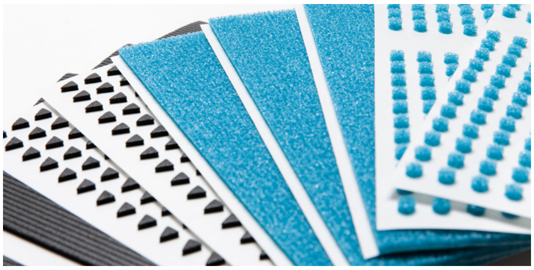
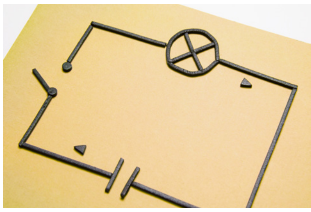
Graph Benders





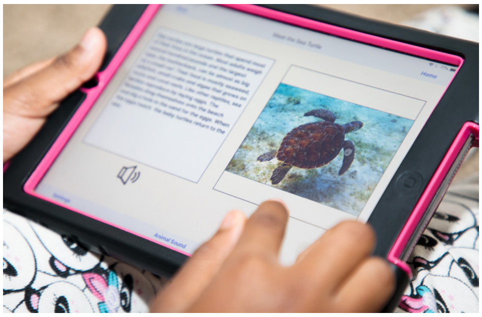
Great for math and science alike, teachers and students can use Graph Benders to plot graphs and tactile diagrams/charts that are both tactile and visual, as well as durable.

Graph Benders' flexible strips and point symbols (triangles, circles, squares) can be applied directly to paper, and are an excellent way for students to demonstrate their mastery of math or science concepts. This product pairs well with APH's Feel 'n Peel Stickers: Point Symbols, Tactile Compass for Math and Art, Graphic Aid for Mathematics, and our selection of Embossed, Low-Relief, and Boldline Graph Sheets.

1-03400-00 $99.24

AnimalWatch Vi

Building Graphics Literacy App (for iPad)



Recommended for students in fifth to eighth grade, this app contains ten units with warm-up problems and two problem sets that teach students how to read and interpret different types of graphs: bar graphs, line graphs, circle graphs, Venn diagrams, coordinate planes, box plots, maps, and data tables. The graphs also tell fascinating stories about endangered species, such as the Tasmanian devil, platypus, and dinosaur ant.

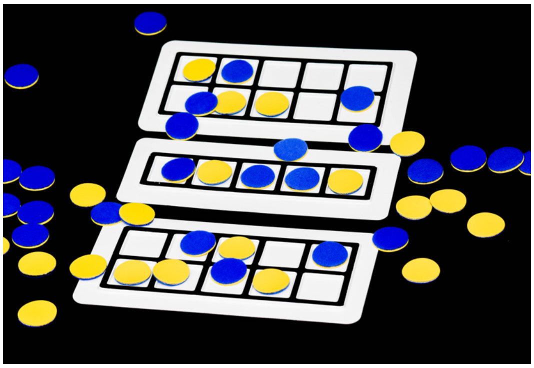
Note: Students who are blind or low vision will need to purchase the supplemental tactile graphics (provided by Lighthouse San Francisco) to complete the app's ten units.

D-30040-AP Free

AnimalWatch Vi Suite (for iPad)

The AnimalWatch Vi Suite includes a free iPad app and accompanying braille and print materials. Students at the pre-algebra level (grades five to seven) can build their math word problem solving skills while learning about endangered and invasive species, such as the black rhino, cheetah, gray wolf, and white shark.

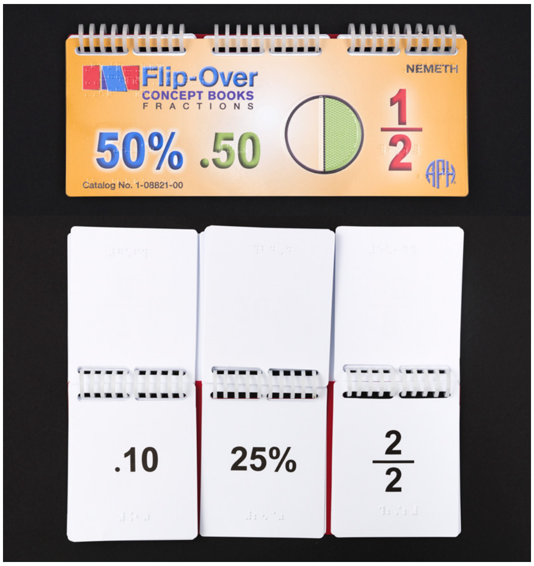
Available from the App Store: itunes.apple.com/app/animalwatch-vi-suite/id1051014171XXmt=8



Tactile Five and Ten Frames UEB

Print math books use five and ten frames as part of the common core standards. This accessible, tactile version helps young students to visualize sets of five and ten, thus helping to develop subitizing skills - the ability to instantly see "how many." Simply set down one or more of the plastic frames on a table and insert the included tactile tokens into the slots. Tactile Five and Ten Frames supports the development and understanding of counting and cardinality, composing and decomposing numbers, place value, and addition and subtraction skills.

1-03567-00 $69.00

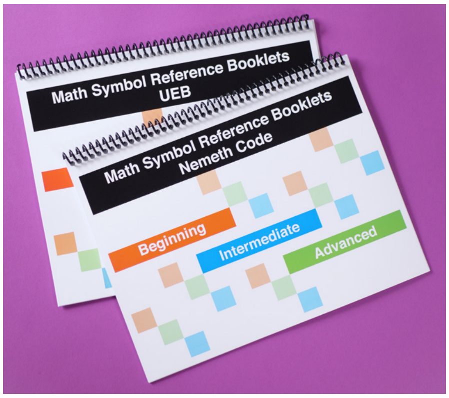

Flip-Over
CONCEPT BOOKS
FRACTIONS
NEMETH
50% .50
1
2
APH
Catalog No. 1-08821-00
.10
25%
2
2

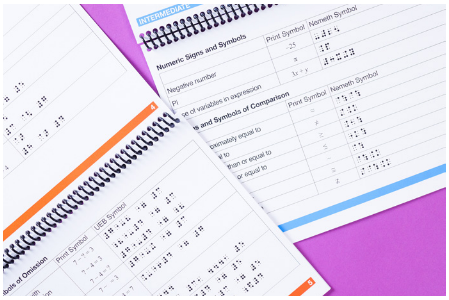
Flip-Over Concept Books: FRACTIONS

UEB CVI PARTS

This is an interactive print and braille book designed to teach elementary students who are blind or low vision about fractions, decimals, and percents. Teachers and parents can create their own lessons by fully customizing the presentation of the fraction panels offered in the book.

Nemeth	**UEB**
1-08821-00 $189.00	**1-08822-00** $179.00


Math Symbol Reference Booklets
UEB
Math Symbol Reference Booklets
Nemeth Code
Beginning
Intermediate
Advanced


INTERMEDIATE
Numeric Signs and Symbols
Print Symbol
Nemeth Symbol
Negative number
Signs and Symbols of Comparison
Print Symbol
UEB Symbol

Math Symbol Reference Booklets UEB

Make teaching and learning math a breeze with Math Symbol Reference Booklets. The included Nemeth Code Reference Booklet and UEB Reference Booklet contain a list of Nemeth or UEB math symbols, along with an explanation for what each symbol represents. The large print and braille Booklets, list different subcategories of math symbols and what they represent. Perfect for beginner, intermediate, and advanced learners.

Large Print Version	**Braille Version**
7-87300-00 $19.00	**5-87300-00** $31.04

Math Drill Cards UEB

Elementary students who are blind or low vision can quickly and easily learn their math facts with Math Drill Cards! These large print and braille cards include a math fact on one side of the card, and the fact with the answer featured on the opposite side. Both UEB and Nemeth versions are available.

Note: Some assembly required. These cards can also be used with the Card Chart Kit, 1-03550-00.

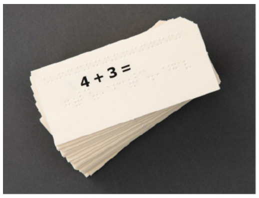
Number & Math Signs
UEB 1-03545-00 $33.61
Nemeth 1-03551-00 $25.75

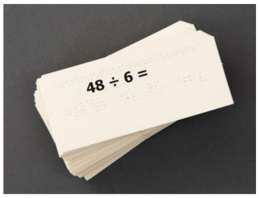
Addition
UEB 1-03546-00 $31.22
Nemeth 1-03552-00 $23.55

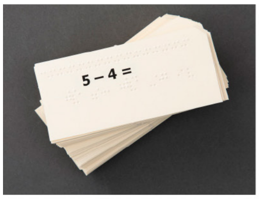
Subtraction
UEB 1-03547-00 $31.22
Nemeth 1-03553-00 $20.87

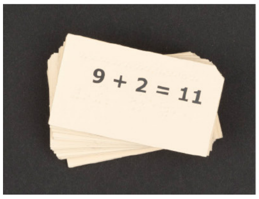
Multiplication
UEB 1-03548-00 $24.00
Nemeth 1-03554-00 $23.55

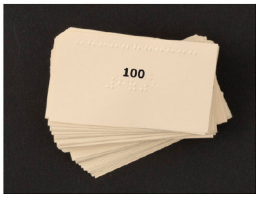
Division
UEB 1-03549-00 $24.00
Nemeth 1-03555-00 $21.36







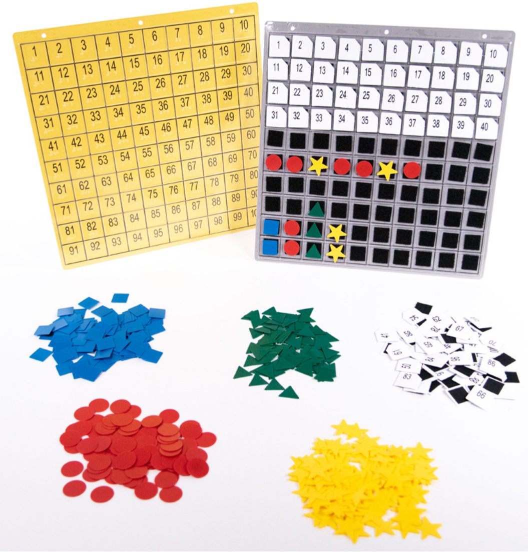


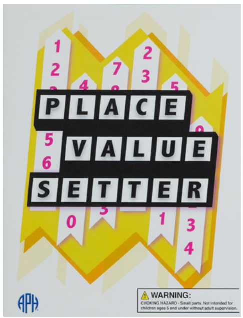


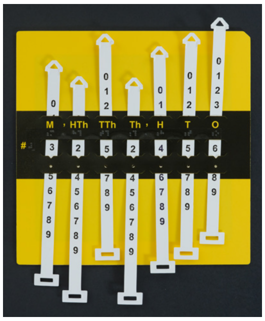
Hundred Boards and Manipulatives UEB

Great for the elementary math classroom, Hundred Boards and Manipulatives can be used to teach basic math concepts including patterning, counting, ordering numbers, comparing numbers, addition and subtraction, and base ten number system. This product includes a number board, a grid board, and two sets of manipulatives: numbers and shapes.

Nemeth	UEB
1-03107-00 $211.84	**1-03106-00** $201.00



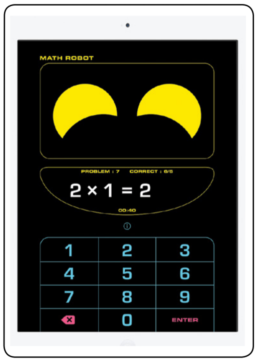

PLACE
VALUE
SETTER
WARNING:

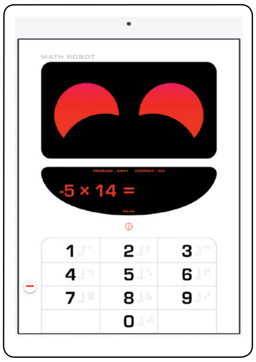

M HTh TTh Th H T O

Place Value Setter UEB ⚠

With its refreshable and concrete display, the Place Value Setter gives first to third grade students a prompt way to represent numbers using written digits. It is useful for setting up place value problems quickly in inclusive settings so that students can follow and participate in classroom instructions.

1-08284-00 $109.00


MATH ROBOT
2 × 1 = 2
1 2 3
4 5 6
7 8 9
0
ENTER


-5 × 14 =
1 2 3
4 5 6
7 8 9
0

Math Robot ▶

APH's Math Robot™ has a smart "know-it-all" math robot character that provides fun drills and practices for simple math problems. The app is both self-voicing and accessible with VoiceOver on Apple devices. A low vision mode adds extra contrast.

Recommended ages: Six years and up.

Available for free download from the App Store: **D-30000-AP**

1/4
1/2
7/16
1/3
1/8
Practice 2 Master
Fractions
Free Practice
Drill
Problem Lists
Drill Results
Settings
How to Use

Practice2Master Fractions ▶

A fully accessible app that every elementary school math teacher should have in their teaching toolbox - Practice2Master Fractions helps students become proficient in fraction calculations. It supplements teachers' instructions by providing students with an unlimited number of problems to practice. App works with devices running iOS 9 or later, and is compatible with VoiceOver.

Recommended ages: Nine years and up.

Available for free download from the App Store: **D-30080-AP**

Math Flash CVI

The accessible flash card app for basic math facts and mental math is ideal for use by an entire class. Math Flash provides fun drills and practices for simple math problems. Math Flash announces each problem as it comes up. Teachers, parents, and students can set the range of numbers, the mathematical operations, the number of tries, and more. New on the Math Flash app for Android devices, the app is both self-voicing and accessible with the screen reader TalkBack.

Recommended ages: All.

Available from APH for free download for Android devices:
D-30070-AP

Math Flash Software CVI

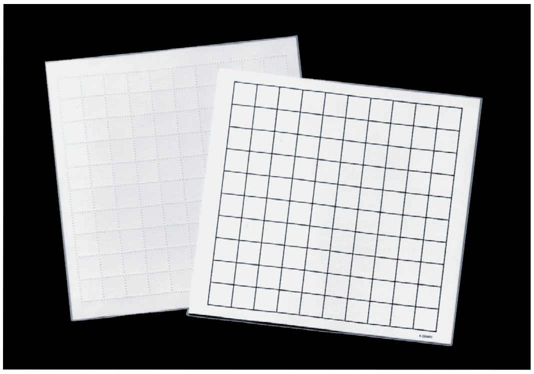
This software helps elementary students sharpen math skills with talking electronic flash cards.

This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Requires a PC running Windows® 7 or later.

Recommended ages: Six years and up.

Digital Download
D-19910-ED $24.00



Graph Sheets

Boldline graph sheets have thick unit lines and thinner sub-unit lines. Embossed graph sheets have braille dot grids on manila paper.

8 1/2 x 11

Embossed (50-pk)
7 x 10 grid
1-inch squares
1-04055-00 $10.00

Boldline (100-pk)

31 x 40 grid
1/4 inch squares
1-04062-00 $79.23

For Bar Graphs
15 x 20 grid
1/2 inch squares
1-04063-00 $80.62

7 x 10 grid
1-inch squares
1-04065-00 $43.00

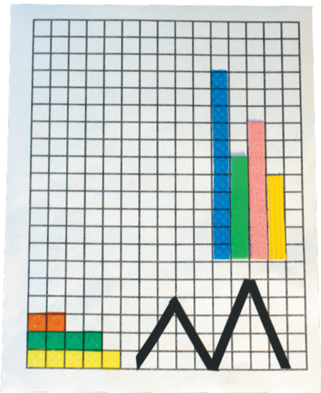
11 1/2 x 11

Embossed (50-pk)
13 x 13 grid
3/4 inch squares
1-04057-00 $10.00

10 x 10 grid
1-inch squares
1-04058-00 $8.62

18 x 21 grid
1-inch margin on three sides
1/2 inch squares
1-04059-00 $10.00

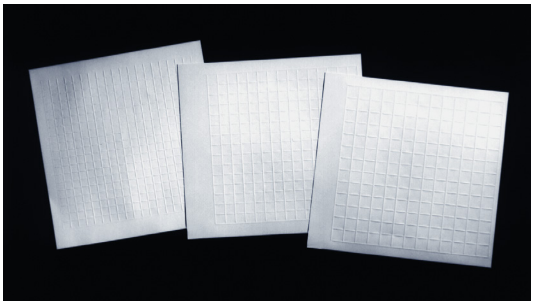
Boldline (100-pk)
10 x 10 grid
1-inch squares
1-04069-00 $80.32



Boldline Tactile Graph Sheets

These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

1-04080-00 $63.71



Low-Relief Embossed Graph Sheets

Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins, (25-pk).

20 x 20 Grid
1/2 inch squares, X-Y axis
1-04045-00 $9.00

Slapstack Math (for iOS devices)

APH
Slapstack Math
2 4 5 3 11 12 8 7
-+ x÷
Play
Settings
How to Play

Slapstack Math™ is fully accessible for all users. The goal is to collect the most points by pulling in the most cards. Two to eight players can play on the iPad, or two to four players on the iPhone.

Recommended ages: Seven years and up.

Available from the App Store:
apps.apple.com/us/app/slapstack-math/id1209184917

D-30025-AP FREE

Draw2Measure Protractor (for iOS devices)

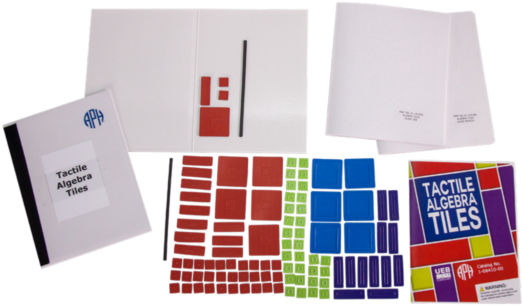
This app is designed for students who are blind or low vision, and can be used by sighted students, too! It gives students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

Watch a short video:
youtube.com/watch?v=D77pBfjCmMI to see the Draw2Measure™ Protractor app in action!

Available from the App Store: apps.apple.com/us/app/draw2measure-protractor/id1097557700

D-30023-AP FREE

Tactile Algebra Tiles



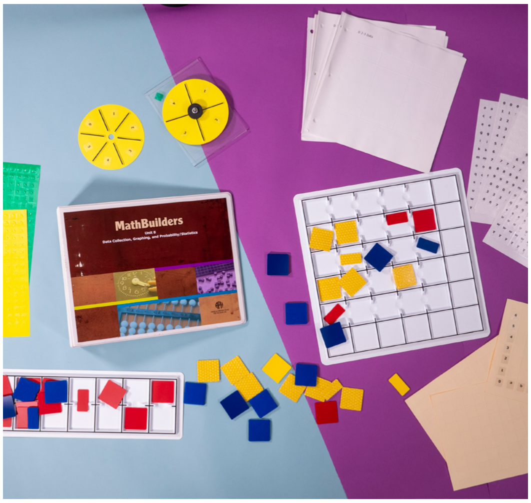
Tactile Algebra Tiles is an accessible version of traditional algebra tiles, specifically designed for students who are blind or low vision. It includes magnetic tiles that the students can manipulate on a steel board, and uses tactile symbols to help students differentiate between tiles. Colors are chosen with consideration for the needs of students who have low vision. This product is consistent with traditional algebra tiles used by sighted students, allowing students who are low vision to work together with their classmates in inclusive classrooms.

1-08410-00 $159.00

Tactile Tangrams CVI ⚠ PARTS

The materials and activities presented in APH's Tactile Tangrams make this puzzle accessible to students and adults who are blind or low vision. The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills, including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving.

1-08439-00 $239.34



MathBuilders ⚠ PARTS

This supplementary math program is separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Recommended ages: Five years and up.

Large Print Kits

Unit 1 Matching, Sorting, and Patterning
7-03560-00 $340.47

Unit 5 Measurement and Estimation
7-03562-00 $286.68

Unit 6 Geometry
7-03563-00 $345.99

Unit 7 Fractions, Mixed Numbers, and Decimals
7-03564-00 $293.40

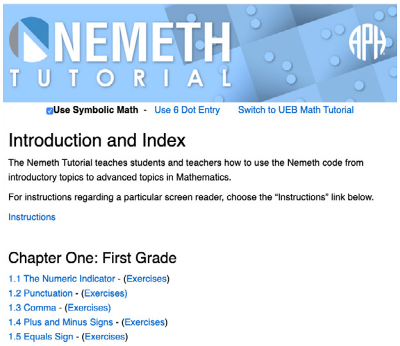
Unit 8 Data Collection, Graphing, and Probability/Statistics
7-03565-00 $209.74

Nemeth Tutorial

APH's online Nemeth Tutorial consists of over 50 lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it.

Recommended ages: Five years and up.

FREE



☑Use Symbolic Math - Use 6 Dot Entry Switch to UEB Math Tutorial

Introduction and Index

The Nemeth Tutorial teaches students and teachers how to use the Nemeth code from introductory topics to advanced topics in Mathematics.

For instructions regarding a particular screen reader, choose the "Instructions" link below.

Instructions

Chapter One: First Grade

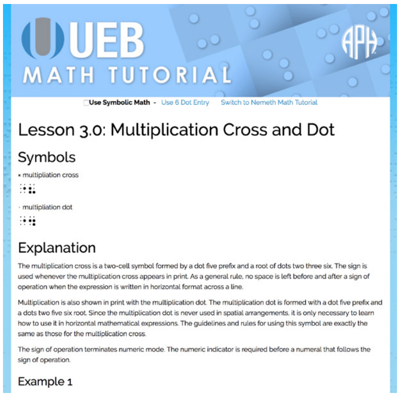
1.1 The Numeric Indicator - (Exercises)
1.2 Punctuation - (Exercises)
1.3 Comma - (Exercises)
1.4 Plus and Minus Signs - (Exercises)
1.5 Equals Sign - (Exercises)

UEB Math Tutorial UEB

APH's UEB Math Tutorial contains over fifty lessons broken into ten chapters that cover the rules of UEB Mathematics. Accessible to all users, this web-based program runs on any modern computer platform, works well with refreshable braille displays, and it is available free-of-charge!

Recommended ages: Five years and up.

D-30032-ED FREE



☐Use Symbolic Math - Use 6 Dot Entry Switch to Nemeth Math Tutorial

Lesson 3.0: Multiplication Cross and Dot

Symbols

× multipliation cross

⠐⠦

· multipliation dot

⠐⠲

Explanation

The multiplication cross is a two-cell symbol formed by a dot five prefix and a root of dots two three six. The sign is used whenever the multiplication cross appears in print. As a general rule, no space is left before and after a sign of operation when the expression is written in horizontal format across a line.

Multiplication is also shown in print with the multiplication dot. The multiplication dot is formed with a dot five prefix and a dots two five six root. Since the multiplication dot is never used in spatial arrangements, it is only necessary to learn how to use it in horizontal mathematical expressions. The guidelines and rules for using this symbol are exactly the same as those for the multiplication cross.

The sign of operation terminates numeric mode. The numeric indicator is required before a numeral that follows the sign of operation.

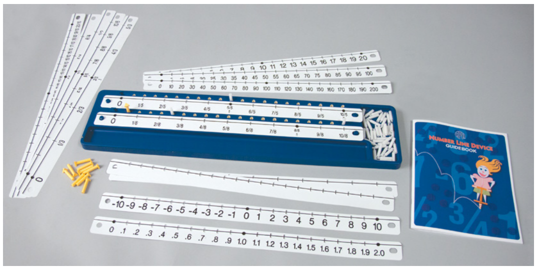
Example 1

Number Line Device ⚠ PARTS

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals.

Recommended ages: Five years and up

1-03480-01 $231.04

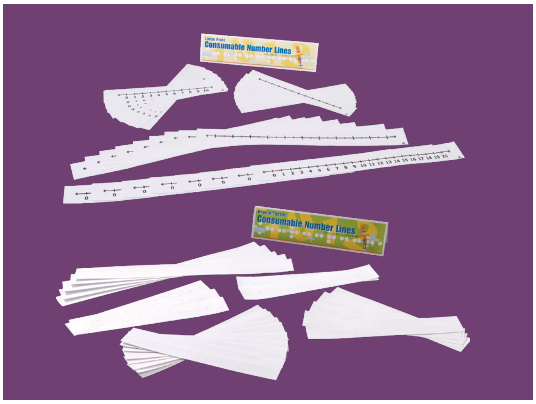


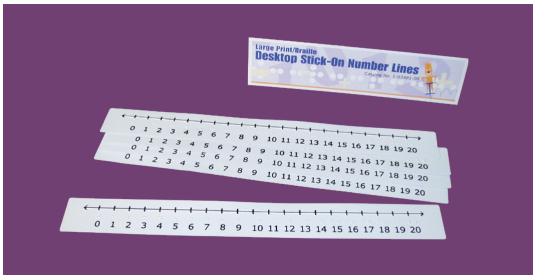
Consumable Number Lines

Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: Six years and up.

Large Print	**Braille/Tactile**
1-03012-00 $10.00	**1-03013-00** $27.00



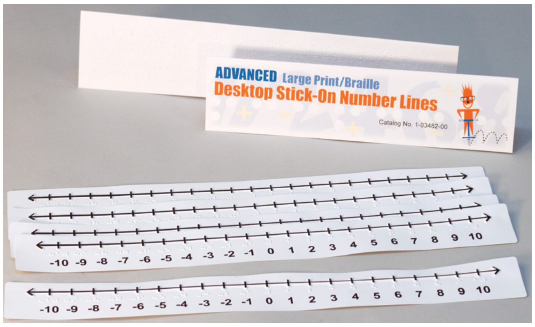


Desktop Stick-On Number Lines

Visually and/or tactually demonstrate basic number concepts. Number Lines are reusable up to five times. The adhesive will not permanently stick to surfaces. Sold in (5-pk).

Recommended ages: Six years and up.

Large Print/Braille
1-03481-00 $22.00



Advanced Desktop Stick-On Number Lines

Visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades Six and Seven.

Recommended ages: 11 years and up.

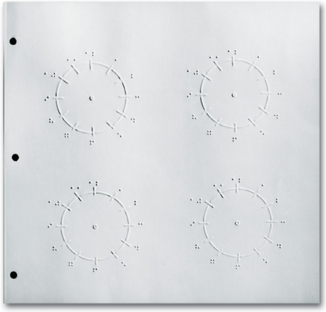
Large Print/Braille (5-pk)
1-03482-00 $30.00

Analog Clock Model

Helps teach time-telling concepts. Has braille and raised large print markings, and hands that are easily rotated. Model has no motor.

Recommended ages: Six to ten years.

1-03125-00 $9.00



Clock Face Sheets In Braille

Each sheet contains four embossed braille clock faces. Clock hands can be added to these blank clock faces. Embossed on 11 1/2 x 11 inch manila transcribing paper, (25-pk), 3-hole punched.

Recommended ages: Six to ten years.

1-03111-00 $16.00

Geometro Medium Set UEB PARTS

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro pieces use hook-and-loop material to adhere to each other and are easy to handle, sturdy, and safe.

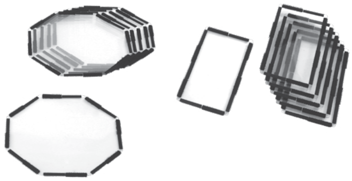
1-03023-00 $133.00

Geometro Shapes UEB

Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

Octagons (6-pk)
1-03026-00 $129.93

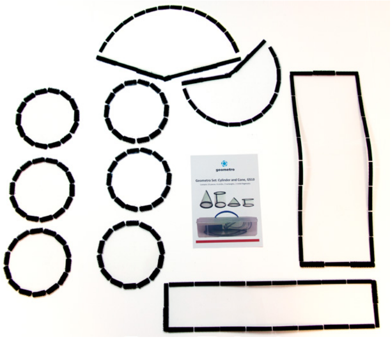
Rectangles (6-pk)
1-03028-00 $43.84



Geometro Cylinder and Cone UEB

These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones.

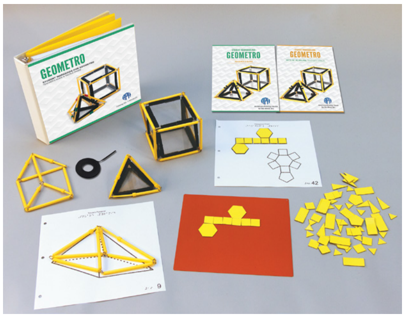
1-03030-00 $132.95



Student Workbook Kit for Geometro ⚠ PARTS

This Kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks. To learn more about Geometro, visit: geometro.net

1-03021-00 $391.77



Textured Sorting Circles and Shapes CVI ⚠

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

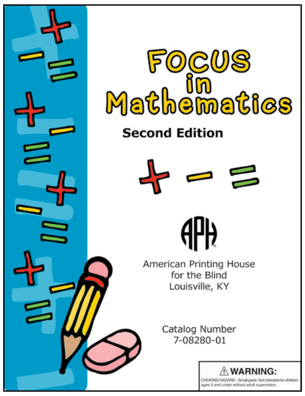
1-08834-00 $172.67

Tactile Compass for Math and Art UEB ⚠

This assistive tool enables students to draw tactile circles up to 6-inches in diameter and includes tactile markings in inches and centimeters. Includes two different spur wheels to draw both single-line and double-line circles. Used in combination with braille paper or plastic film and a rubber mat (not included with this product).

Recommended ages: Seven years and up.

1-08894-00 $75.02



FOCUS in Mathematics

Second Edition

APH

American Printing House for the Blind
Louisville, KY

Catalog Number
7-08280-01

⚠ WARNING:

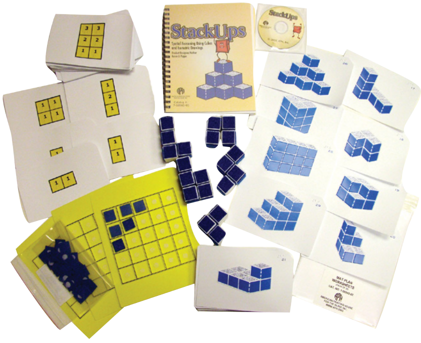
FOCUS in Mathematics Kit, Second Edition UEB ⚠ PARTS

Objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points.

Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included.

Recommended grades: Pre-K to first grade.

1-08280-01 $849.91



StackUps: Spatial Reasoning Using Cubes and Isometric Drawings PARTS

Encourages students using 2-D and 3-D shapes to: recognize, name, build, draw, compare, sort, and describe attributes and parts; as well as investigate and predict the results of putting together and taking apart.

Recommended ages: 10 years and up.

1-08960-00 $431.20

Addition and Subtraction Table (Nemeth)

Large print/braille tool designed to reinforce the basic addition and subtraction facts. Includes ten printed/embossed charts and a print guidebook.

5-82699-00 $46.09

Multiplication and Division Table Kit (Nemeth) PARTS

The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help students with low vision easily track numbers. Includes ten charts (grids) and a print guidebook.

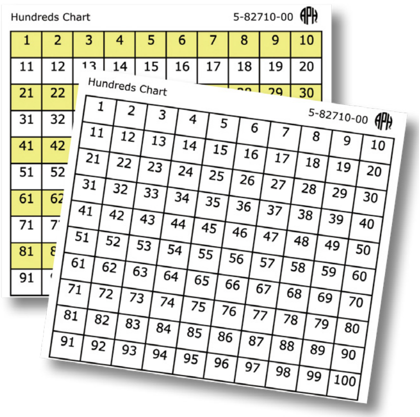
5-82700-01 $19.50

Consumable Hundreds Chart

This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes ten charts (five with highlighting and five without highlighting) and a large print guidebook.

5-82710-00 $17.02



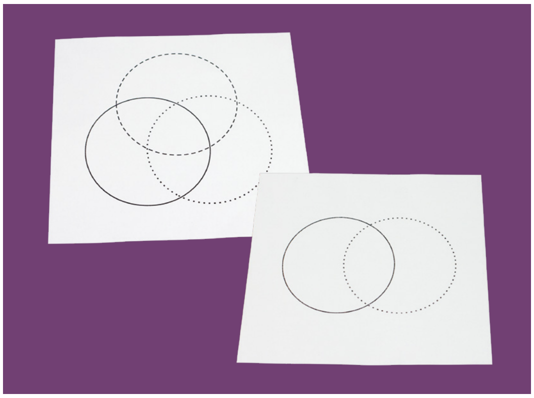
GEOMETRY
Tactile
Graphics
APH
AMERICAN PRINTING HOUSE FOR THE BLIND, INC.

Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Recommended ages: 12 years and up.

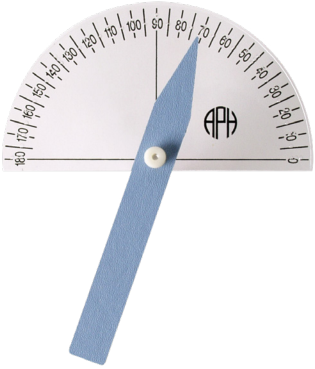
1-08841-00 $176.00



Venn Diagram Template Kit

A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets. Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

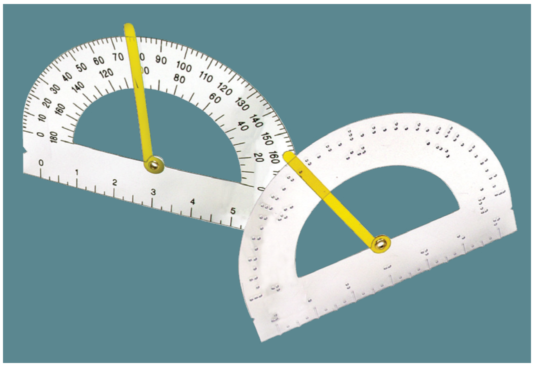
1-04095-00 $31.00



Braille/Large Print Protractor

Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every five degrees. The lines are bold and the type is 18 point. This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

1-04115-00 $30.56



Large Print and Tactile Protractors

Students can use the same convenient measuring tools in both classroom and assessment situations. Both protractors are made of lightweight, clear plastic and feature a movable, transparent yellow wand. Notches on bottom left and right allow for pinning to a surface.

Large Print (4-pk)	**Tactile** (4-pk)
1-04116-00 $50.75	**1-04117-00** $50.44

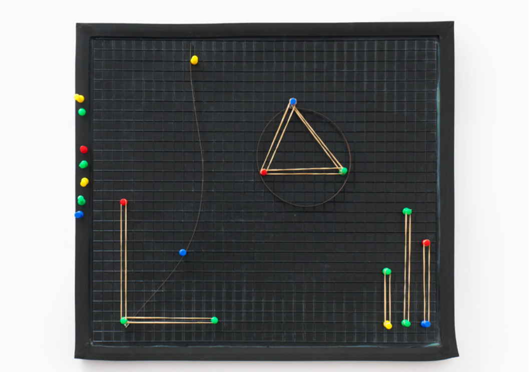
Fractional Parts of Wholes Set UEB ⚠ PARTS

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole, and the others cut into halves, thirds, and fourths.

Recommended ages: Five years and up.

1-03290-00 $81.61

Graphic Aid for Mathematics UEB

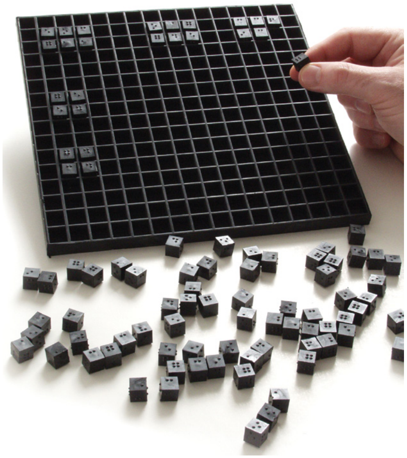


Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus. Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are flat spring wires, push pins, and rubber bands.

Recommended ages: Eight years and up.

1-00460-01 $319.00

Brannan Cubarithm Slate and Cubes UEB ⚠

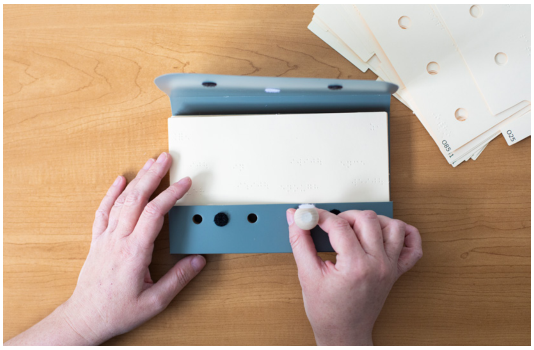


Young students may find it easier to use this device rather than a brailler to align mathematical problems. A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered zero through nine in braille (no print).

Frame and cubes are sold separately.

Recommended ages: Six years and up.

Cubarithm Slate	**Plastic Cubes Set of 100**
1-00320-00 $28.00	**1-00330-00** $46.00



Quick Pick Math

This math game consists of a plastic packet with 50 large print/braille cards. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out. Transcribed in Nemeth Braille.

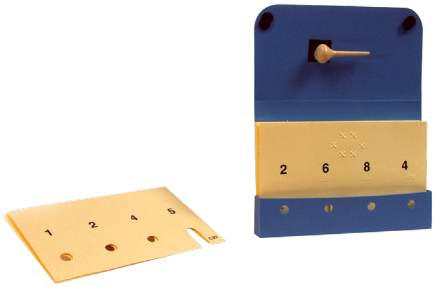
Recommended ages: Five years and up.

Addition
1-03570-00 $84.45

Subtraction
1-03571-00 $80.20

Multiplication
1-03572-00 $85.90

Division
1-03573-00 $88.27

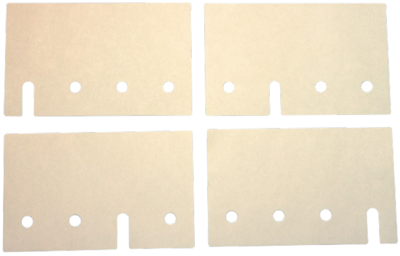


Quick Pick Counting

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers.

Recommended ages: Four years and up.

1-03574-00 $78.67



Quick Pick Cards Set, Blank

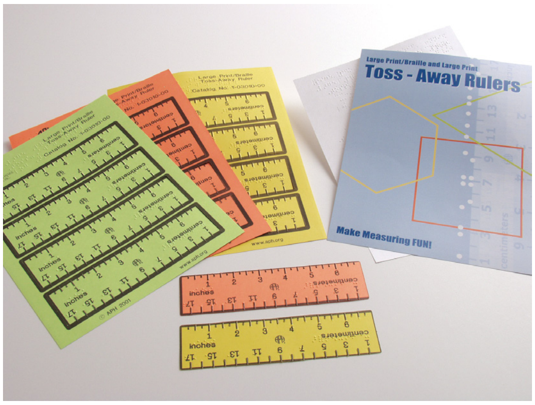
Includes 50 blank game cards that can be used with the Quick Pick Game series.

1-03577-00 $7.00

Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. 7-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

Rulers (24-pk)
1-03010-00 $21.00



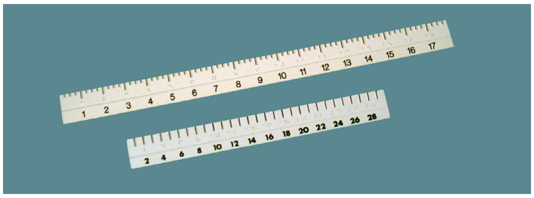
Flexible Rulers (Braille/Large Print)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces.

Recommended ages: Five years and up.

18-Inch (5-pk)
1-03050-00 $10.00

30-Centimeter (5-pk)
1-03031-00 $9.00



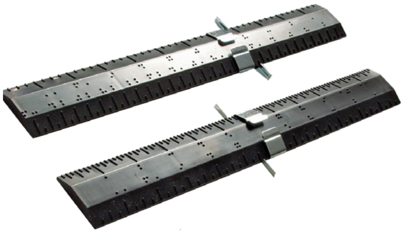
1-Foot Braille Rulers UEB

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included. Offered in Metric-English and English.

Recommended ages: Five years and up.

Metric-English
Measurement Ruler
1-03100-00 $13.33

English
Measurement Ruler
1-03070-00 $14.35

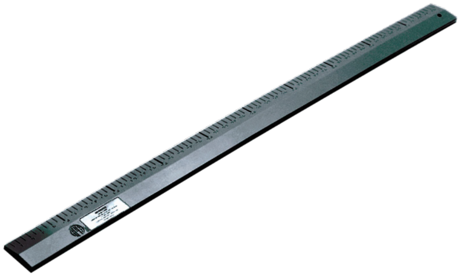


Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: Five years and up.

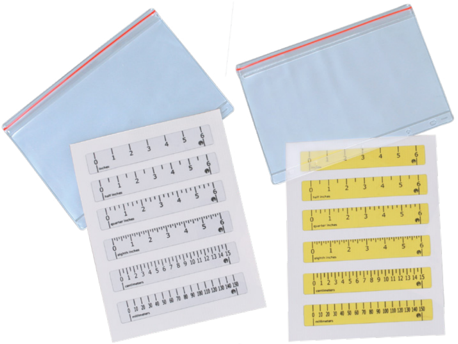
1-03000-00 $25.00



Braille/Large Print Yardstick

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in 1/4 inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

1-03002-00 $29.90

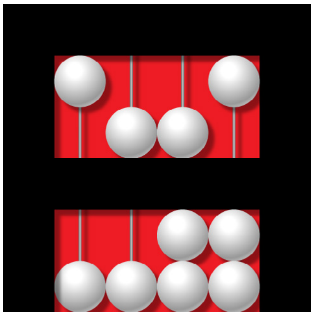


Transparent CCTV Rulers

These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television). Each includes a set of six rulers.

Yellow	Clear
1-03008-00 $17.44	**1-03009-00** $16.47

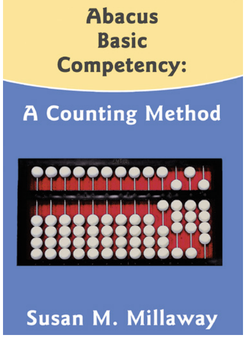
Practice 2 Master
Abacus



Practice2Master Abacus CVI

This is a fully accessible app that makes abacus learning a fun and interactive experience. Practice2Master Abacus can be used as a supplement to classroom instructions in which teachers can assign practice tasks or drills to students. It may also be used as a self-learning tool that includes systematic instructions and practice to help students start from the basics and become proficient abacus user.

Non-quota Apple App Store D-30080-AP FREE

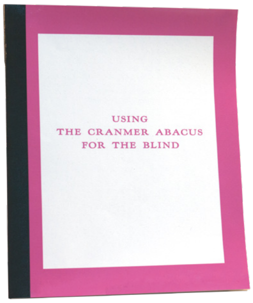


Abacus
Basic
Competency:
A Counting Method
Susan M. Millaway

Abacus Basic Competency: a Counting Method ▶

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

Large Print
7-00219-00 $17.07



USING
THE CRANMER ABACUS
FOR THE BLIND

Using the Cranmer Abacus for the Blind ▶

This manual instructs users who are blind or low vision in the use of the Cranmer Abacus. Gives instructions on how to add, subtract, multiply, divide, extract roots, compute decimals and fractions, and use the abacus as a calendar. Practice exercises are included.

Note: APH does not carry this publication in inventory for immediate delivery. When you order it, we will produce it for you as a special order; therefore, allow several weeks for delivery.

Large Print	Braille
4-27110-00 $125.00	**6-50100-00** $62.54

APH Offers Three Abacuses to Address a Variety of Needs

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.

Expanded Beginner's Abacus Kit UEB PARTS ▶

This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for enhanced readability for "little fingers." Includes print guidebook. Measures 5.37 x 3.25 x 0.75 inches.

Recommended ages: Five to seven years.

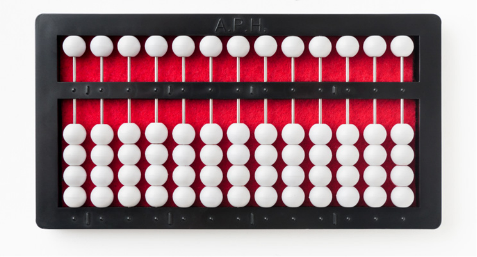
1-03181-00 $54.72

Cranmer Abacus UEB ▶

A 13-rod abacus. Frame measures 6 1/8 x 3 1/4 inches. White beads have a diameter of 3/8 inch. Red felt backing prevents beads from slipping.

Recommended ages: Five years and up.

1-03150-00 $43.34

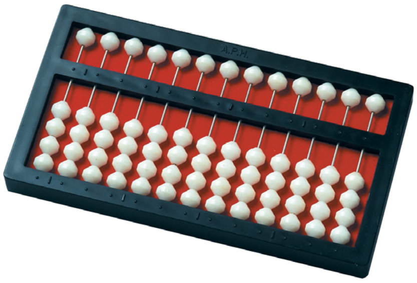


Large Abacus UEB ▶

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are 1/2 inch in diameter.

Recommended ages: Five years and up.

1-03170-00 $49.00



Science and Health

Sense of Science
ASTRONOMY
Cross-Section of the Sun
Galaxy Types
Phases of the Moon
Lunar Eclipse
Space Shuttle
Planetary Orbits
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Ursa Minor
Ursa Major
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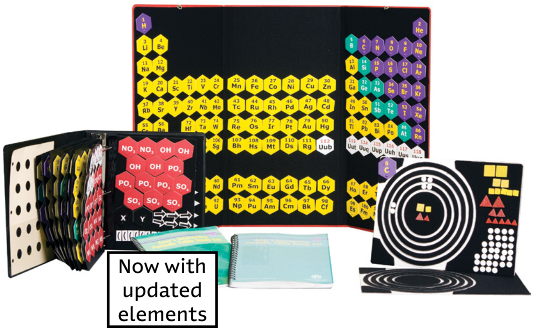
Azer's Interactive Periodic Table Study Set (Nemeth) ⚠


Now with updated elements

This interactive periodic table study set is designed to make learning about the Periodic Table of the Elements accessible to students who are blind or low vision.

The tangible materials included with this study set complement APH's Periodic Table of the Elements Reference Chart and allow students to enhance their understanding of concepts consistent with the National Science Standards.

Note: The braille guidebook is sold separately. Some assembly required – the customer affixes a single round loop fastener to the back of each element piece and accessory before using with the provided tri-fold board.

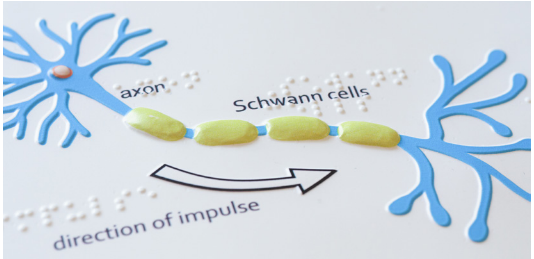
1-08856-01 $591.56

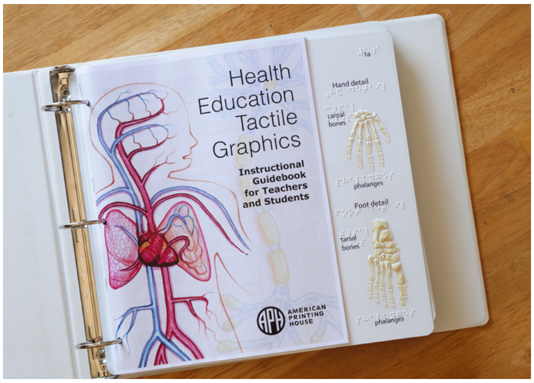
Build-A-Cell UEB ⚠ PARTS

Build-A-Cell
Student and Teacher Guide

The fundamental characteristics of, and differences between, various cell types have been known for a long time and are discussed in almost all biology textbooks. While all cells share certain structural parts, cells of different evolutionary origins have components that set them apart from each other. Build-A-Cell helps students who are blind or low vision understand these concepts by providing a full-color, tactile, and interactive representation of the internal and external structures of bacterial, animal, and plant cells.

1-08974-00 $253.72


axon
Schwann cells
direction of impulse

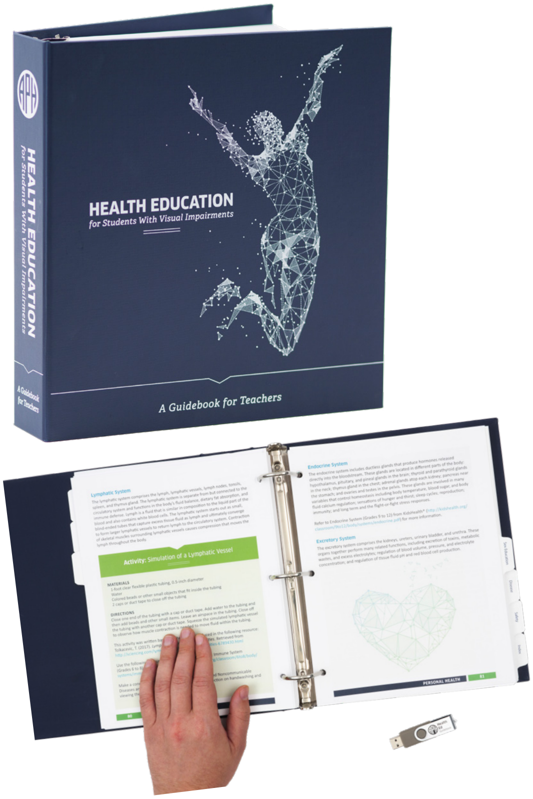

Health Education Tactile Graphics
Instructional Guidebook for Teachers and Students
AMERICAN PRINTING HOUSE
Hand detail
carpal bones
phalanges
Foot detail
tarsal bones
phalanges

Health Education Tactile Graphics UEB

Strengthen your health education curriculum by referring your students to new tactile graphics detailing the skeletal, muscular, reproductive systems, and much more. The tactile graphics presented in this product correspond to the anatomical and physiological systems presented in *Health Education for Students With Visual Impairments: A Guidebook for Teachers.*

Health Education Tactile Graphics comprises a 3-Ring binder containing 20 full-color, print and braille labeled vacuum-formed tactile graphics. This collection includes the skeletal, muscular, nervous, circulatory, lymphatic, respiratory, digestive, excretory, endocrine, and reproductive systems. The reproductive system includes male and female internal and external anatomy.

1-08055-00 $139.00


HEALTH EDUCATION
for Students With Visual Impairments
A Guidebook for Teachers

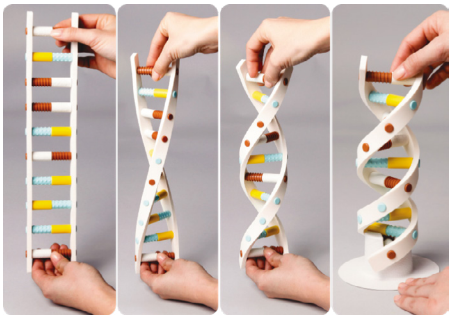
Health Education for Students with Visual Impairments: A Guidebook for Teachers UEB

APH developed this guidebook specifically for teachers who provide instruction to students with visual impairments, ages five through 21. This guidebook does not provide a comprehensive curriculum that covers all areas of health education. Rather, it provides ways to make specific aspects of health education accessible to students with visual impairments.

Note: This guidebook is intended for teachers only. APH does not recommend that any student read this guidebook or view the accompanying videos.

1-08054-00 $94.68

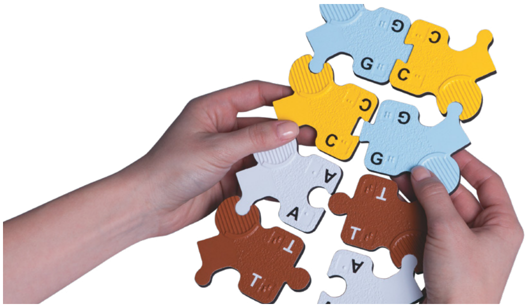
DNA Twist



Demonstrates the three-dimensional structure of the DNA molecule. Shipped flat and easily twists to form the familiar double-helix configuration. The included stand holds the model in its twisted shape. A large print instruction booklet provides information about DNA and educational resources.

1-08978-00 $70.40

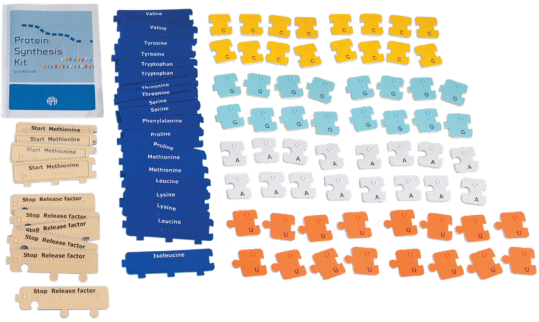
DNA-RNA Kit UEB



Learn about and demonstrate the formation of single and double strands of DNA, DNA replication, and transcription of DNA to messenger RNA with this accessible kit. Kit includes interlocking DNA and RNA nucleotides and a large print guidebook for students and teachers.

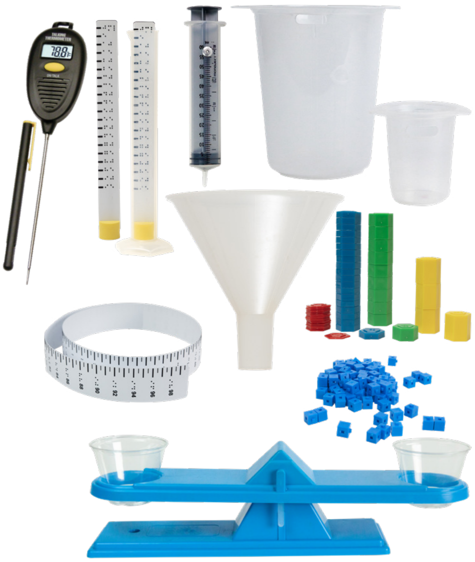
1-08979-00 $140.75

Protein Synthesis Kit UEB PARTS



This kit is an accessible, interactive model that expands on the molecular biology concepts introduced by the DNA-RNA Kit. The Protein Synthesis Kit includes jigsaw puzzle-like pieces representing transfer RNA nucleotides, Stop and Start subunits, all twenty amino acids, and the APH Genetic Code Large Print Braille. A guidebook with instructions is also included.

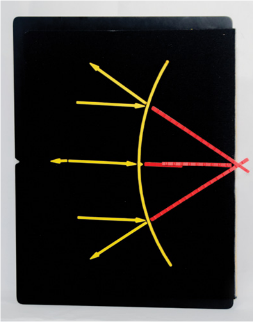
1-08975-00 $363.82

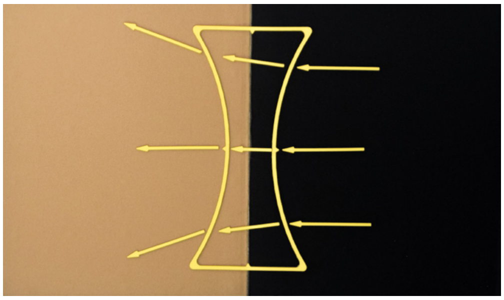


Adapted Science Materials Kit UEB

Designed for K-12 students, this kit includes many items originally devised by educators at the Lawrence Hall of Science in Berkeley, California, and enables students with visual impairments to participate in science lessons and experiments alongside their sighted peers. All items fit in the APH Innovations Tote Bag.

1-08997-00 $259.00



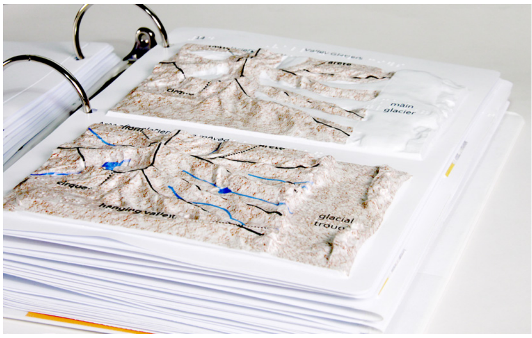


Light In-Sight:
Reflection & Refraction Kit UEB ⚠

This Kit enables science and physics students who are low vision to construct ray diagrams related to light reflection and refraction. Unlike other tactile graphics, which are often static, diagrams constructed using this product are malleable, making the teaching and learning process interactive and dynamic.

Recommended ages: 12 years and up.

1-08286-00 $226.63



Earth Science Tactile Graphics UEB

Learn about glaciers, volcanoes, tectonic plate boundaries, the water cycle, and much more with Earth Science Tactile Graphics, a reference volume intended to supplement the graphics in a student's classroom textbook.

The graphics are rendered in full-color with several types of lines and textures, in addition to differing heights. Diagrams are labeled in print and braille, and teachers can add to, or change, the labels with self-adhesive braille label material.

1-03131-00 $449.00

Basic Science Tactile Graphics

Basic Science Tactile Graphics are vacuum-formed, raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks.

They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

1-08850-00 $186.46

Life Science Tactile Graphics

Life Science Tactile Graphics
DNA Double Helix
sugar phosphate backbone
phosphate

Vacuum-formed, full-color, raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle and high school life science courses. Includes 56 graphics. Braille Teacher's Guide available as a free download.

1-08840-00 $450.51

Basic Tactile Anatomy Atlas

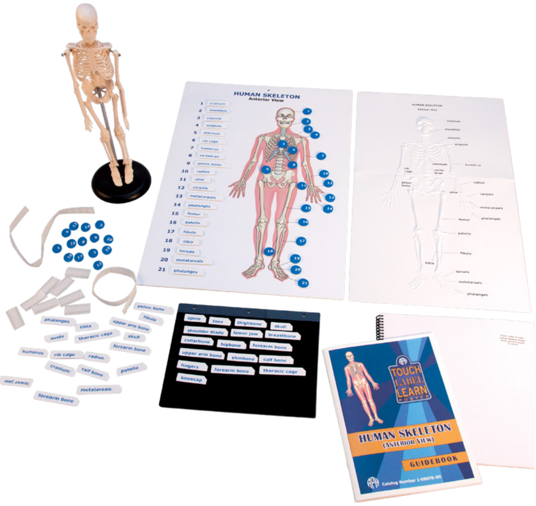
BASIC TACTILE ANATOMY ATLAS
AMERICAN PRINTING HOUSE FOR THE BLIND, INC.

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the human body. Each tactual diagram has braille and print labels with a brief braille description. A print version of the brailled text is included.

Recommended ages: 12 years and up.

1-08845-00 $384.49

Touch, Label, and Learn Poster: Human Skeleton (Anterior View) UEB ⚠ PARTS


HUMAN SKELETON
Anterior View
TOUCH LABEL LEARN
HUMAN SKELETON
(ANTERIOR VIEW)
GUIDEBOOK

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. Poster has a dual tactile/color design.

Recommended ages: Eight years and up.

1-08976-00 $234.92

Sense of Science Series

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand-alone items. An accompanying large print guidebook (braille edition available separately) suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.

Sense of Science: Plants PARTS

A unique science series for students with low vision and other students who may benefit from a multi-sensory approach to learning.

Recommended ages: Five to ten years.

1-08980-00 $363.00

Sense of Science: Animals PARTS

Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a science tidbit.

Recommended ages: Five to ten years.

1-08990-00 $562.00

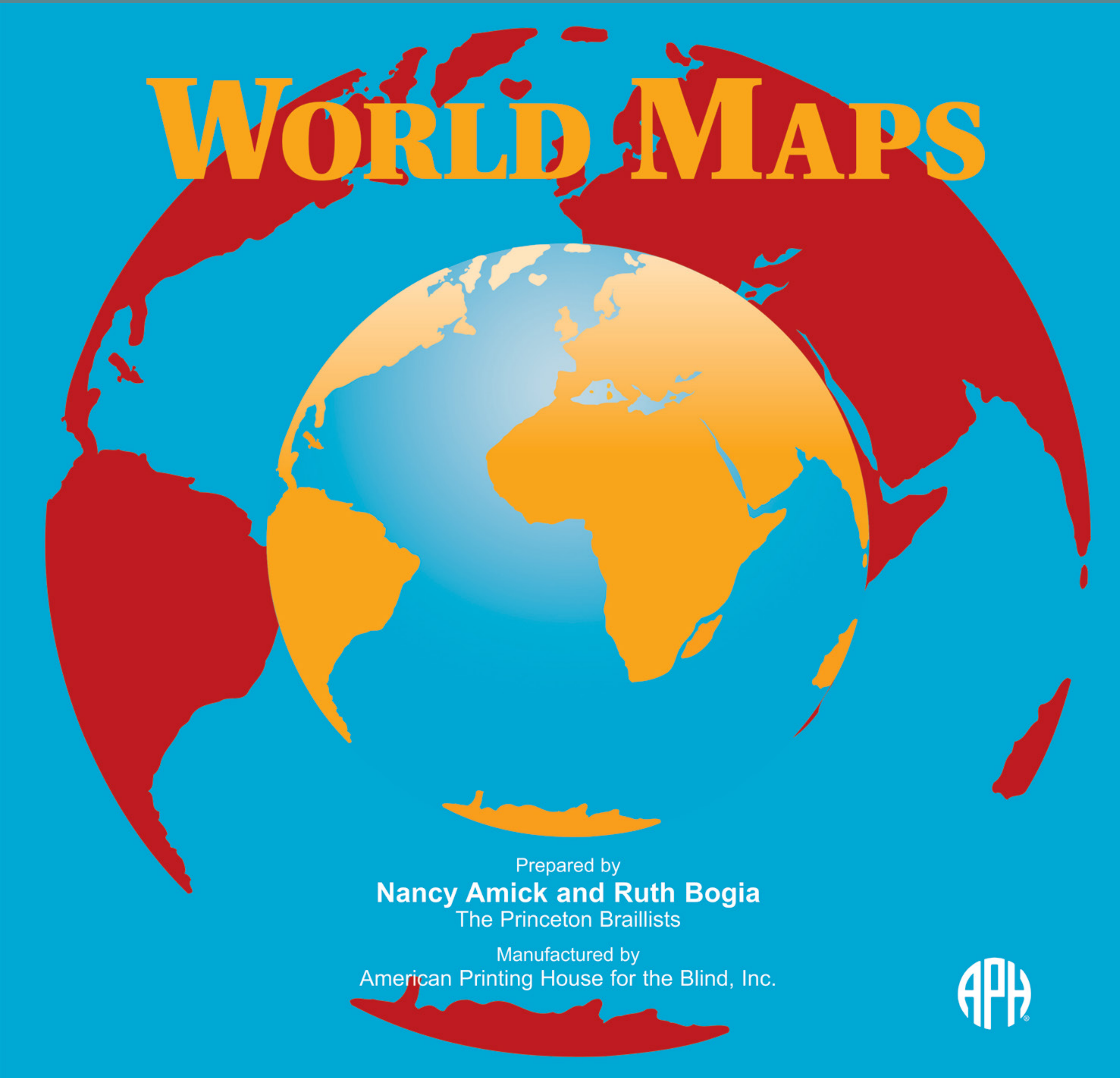
Sense of Science: Astronomy PARTS

This set of materials is appropriate for a broader range of ages and grade levels of students who are blind or low vision. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

Recommended ages: Eight years and up.

1-08991-00 $379.00

Social Studies: History, Geography, & Economics



WORLD MAPS

Prepared by
Nancy Amick and Ruth Bogia
The Princeton Braillists

Manufactured by
American Printing House for the Blind, Inc.

Tactile World Globe 86
U.S. & Canada Tactile/Print Atlas 86
World at Your Fingers 86
World Maps 86

Social Studies Related Products

Calendar Kits 116

Tactile World Globe
Key:
Equator
International Date Line
Latitude Lines (parallel to Equator) and Longitude Lines (intersect Equator)
Prime Meridian
Tropic of Cancer (in Northern Hemisphere) and Tropic of Capricorn (in Southern Hemisphere)

Tactile World Globe UEB

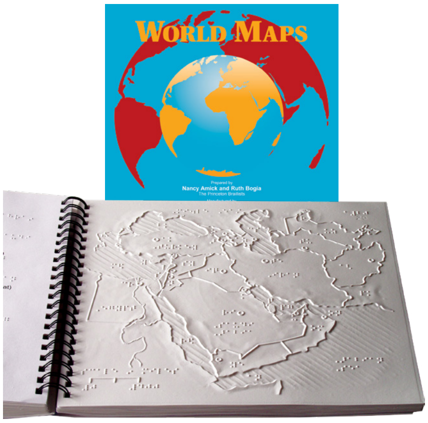
Offers more tactile and braille information than previous APH tactile globes. A clear plastic overlay covers a standard 12-inch political globe with a non-skid wood base.

Includes

- Raised topographical land area, with all continents labeled in braille
- Major oceans labeled in braille
- Raised latitude and longitude lines labeled in braille (as space accommodates)
- Discernible, contrasting raised lines for the Equator, International Date Line, Prime Meridian, Tropic of Cancer, and Tropic of Capricorn

Recommended ages: Ten years and up.

1-01551-01 $156.35


World Maps
Prepared by Nancy Amick and Ruth Bogia
The Princeton Braillists

World Maps

Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world, these maps use clear variations in height and texture. Labeled in braille, the facing pages have key information in braille and large print.

5-06001-00 $212.43

World at Your Fingers

This large tactile reference map shows the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

1-01190-00 $186.04

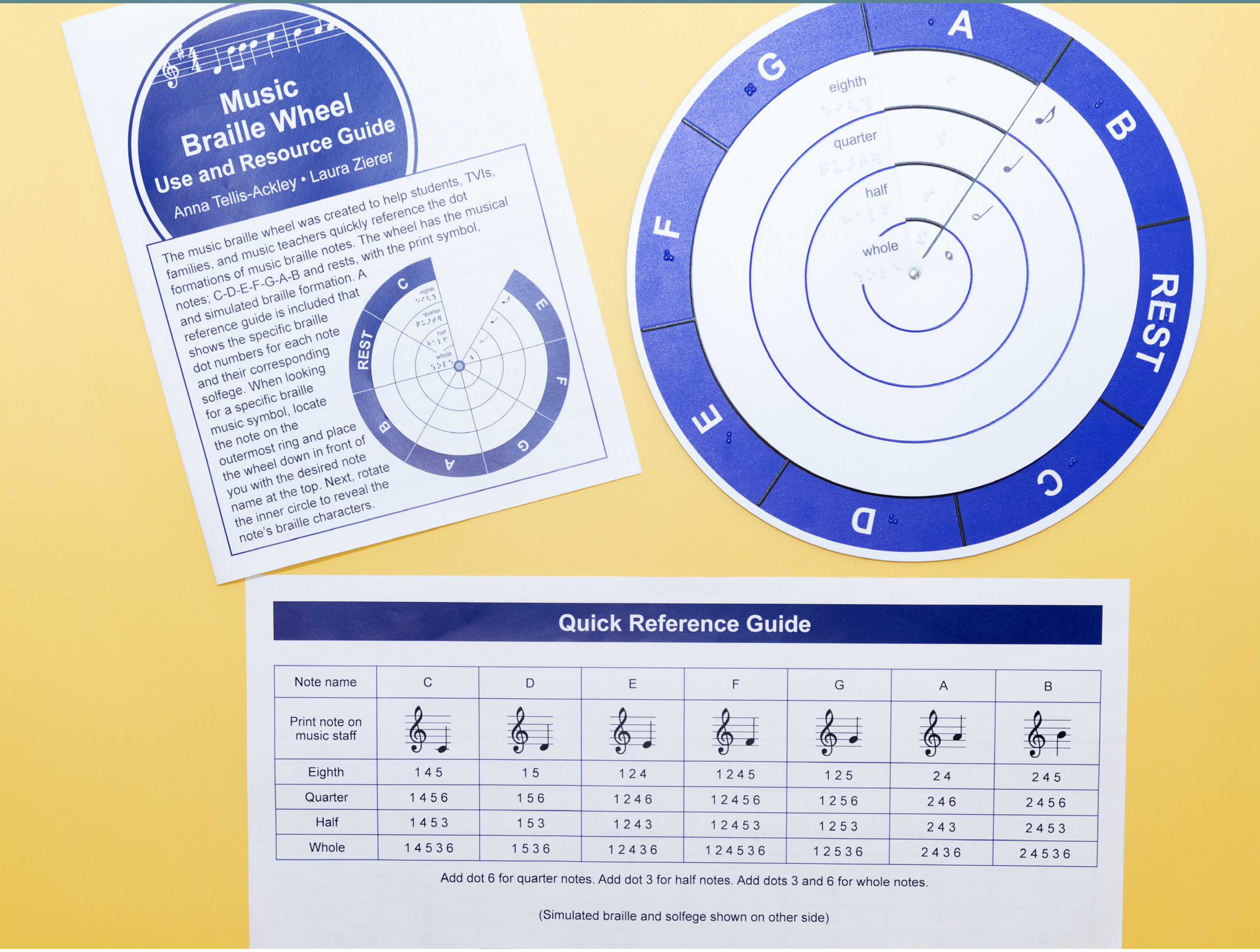
U.S. & Canada
Tactile/Print Atlas
Manufactured by
American Printing House for the Blind, Inc.

U.S. & Canada Tactile/Print Atlas

The U.S. & Canada Tactile/Print Atlas is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom.

Recommended ages: 11 years and up.

1-01920-00 $208.62



Music Braille Wheel Use and Resource Guide

Anna Tellis-Ackley • Laura Zierer

The music braille wheel was created to help students, TVIs, families, and music teachers quickly reference the dot formations of music braille notes. The wheel has the musical notes; C-D-E-F-G-A-B and rests, with the print symbol, and simulated braille formation. A reference guide is included that shows the specific braille dot numbers for each note and their corresponding solfege. When looking for a specific braille music symbol, locate the note on the outermost ring and place the wheel down in front of you with the desired note name at the top. Next, rotate the inner circle to reveal the note's braille characters.

Quick Reference Guide

Note name	C	D	E	F	G	A	B
Print note on music staff							
Eighth	1 4 5	1 5	1 2 4	1 2 4 5	1 2 5	2 4	2 4 5
Quarter	1 4 5 6	1 5 6	1 2 4 6	1 2 4 5 6	1 2 5 6	2 4 6	2 4 5 6
Half	1 4 5 3	1 5 3	1 2 4 3	1 2 4 5 3	1 2 5 3	2 4 3	2 4 5 3
Whole	1 4 5 3 6	1 5 3 6	1 2 4 3 6	1 2 4 5 3 6	1 2 5 3 6	2 4 3 6	2 4 5 3 6

Add dot 6 for quarter notes. Add dot 3 for half notes. Add dots 3 and 6 for whole notes.

(Simulated braille and solfege shown on other side)

Braille Beads: APH Starter Kit 90
Feel The Beat 88
Music Braille Flash Cards 88
Music Braille Wheel N 88
Paint-by-Number Safari Series 89-90
Paint Pot Palette 90

Fine Arts Related Products

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Color-by-Texture
CIRCUS Coloring Pages 50
Marking Mats 50
DRAFTSMAN Tactile Drawing Board 114
Feel 'n Peel Sheets: Carousel of Textures . 110
Picture Maker 156
Quick-Draw Paper 115
Tactile Compass for Math and Art 70
TactileDoodle 117
Tactile Graphic Line Slate 109

Music Braille Wheel
Use and Resource Guide
Anna Tellis-Ackley • Laura Zierer
Quick Reference Guide
A
B
C
D
E
F
G
REST

Music Braille Wheel Kit

The Music Braille Wheel is the perfect resource for any student, instructor, or parent, who is not familiar with the music braille code. Each music braille note can be referenced by adjusting the top portion of the wheel. The wheel is backed with a non-slip material so that it stays firmly in place when being used on any flat surface.

1-00031-00 $109.00

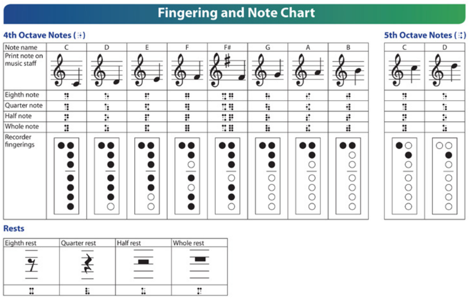
Music Braille Flash Cards

Students who are blind or low vision can quickly and easily review the Music Braille code with these handy flash cards! Each card features a music term in large print and UEB braille on one side and the music braille symbol for the word on the opposite side.

Note: These cards can be used as a supplement or reinforcement to the lessons taught in the Feel the Beat curriculum (5-41100-00).

5-36500-00 $74.86

FEEL THE BEAT
Lesson Plans for Teaching the Music Braille Code with the Soprano Recorder
FEEL THE BEAT
Music Book – Student
FEEL THE BEAT
Music Book – Teacher Edition
Christine Short


Fingering and Note Chart
4th Octave Notes
5th Octave Notes
Note name
Print note on music staff
Eighth note
Quarter note
Half note
Whole note
Recorder fingerings
C
D
E
F
F#
G
A
B
C
D
Rests
Eighth rest
Quarter rest
Half rest
Whole rest

Feel The Beat

The ability to "play music by ear" is an asset but is only one part of playing music.

As part of braille literacy, braille readers should be introduced to braille music at the same time that sighted peers begin reading music in print (usually around third or fourth grade).

The lessons in this curriculum teach the Music Braille Code, and focus on reading, playing, and memorizing measures through the use of a soprano recorder.

5-41100-00 $96.97

Paint-by-Number Safari UEB

Learn about art, nature, and colors with the Paint-by-Number Safari™ coloring series! Each Paint-by-Number set includes ten raised-line drawings of real-world subjects that are printed and embossed on heavy paper, with fun facts in both print and braille, and a color guide. Wide, solid, embossed lines identify the creature while thin embossed lines denote color separation on the creature's body. Dashed lines identify background images and solid, raised areas identify parts of the images that are too small to fill with color. Each image includes fun facts about that creature's life, including size, diet, predators, and environment, along with a specific color code for that creature.

Recommended ages: Six years and up.

Tropical Rainforest

Tropical Rainforest is the first book in the Paint-by-Number Safari Series. Students will enjoy painting or coloring creatures that live in the Tropical Rainforest including a butterfly, capybara, chameleon, frilled lizard, hummingbird, sloth, snake, toucan, tree frog, and uakari.

1-03934-00 $45.00

Paint by Number Safari™
Tropical Rainforest
A Tactile Series Using Real World Colors
Tree Frog

Under the Sea

Take a deep dive Under the Sea while coloring or painting images of a clownfish, crab, dolphin, jellyfish, octopus, sea turtle, seahorse, seal, shark, and stingray.

1-03936-00 $45.00

Paint by Number Safari™
Under the Sea
A Tactile Series Using Real World Colors

Backyard Creatures

Learn about the colors and creatures found in the backyard. This set contains images of a bat, luna caterpillar/moth, deer, ladybug, rabbit, raccoon, skunk, squirrel, turkey, and woodpecker.

1-03938-00 $45.00

Paint by Number Safari™
Backyard Creatures
A Tactile Series Using Real World Colors
Deer

Desert Creatures

In the fourth edition of Paint-by-Number Safari, learn the warm colors of the desert and how creatures survive with very little water. This set includes big horn sheep, camel, tortoise, fennec fox, gila monster, lion, king penguin, roadrunner, tarantula, hawk wasp, and verdin.

1-03939-00 $45.00

Paint by Number Safari™
Desert Creatures
A Tactile Series Using Real World Colors
Desert Lion
Arabian Camel
Gila Monster
Tarantula Hawk Wasp
Verdin
Fox

Endangered Species

Endangered Species is the fifth and final addition to the Paint-by-Number Safari series, which is designed specifically for beginning and intermediate artists. Students will enjoy perfecting their art skills as they learn about endangered species. Custom-made drawings of endangered wildlife are printed and embossed on heavy paper, making this coloring series fun for all! Each image includes fun facts about that creature's life, including size, diet, predators, environment, and why they're endangered, along with a specific color code for that creature.

1-03942-00 $45.00

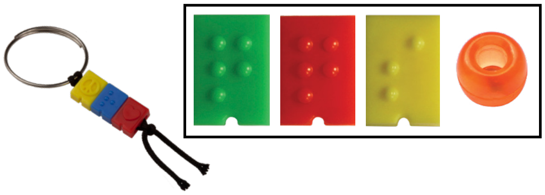
Color Wheel
Red
Orange
Yellow
Green
Blue
Violet
Rainbow
Flower

Paint Pot Palette: Creating Art Through Touch UEB ⚠

Includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with fingers and then follow with a crayon or paint brush. Also includes a palette (designed and molded to hold art supplies in place), four paint pots, four brushes (two round, two flat), water cup, nine braille tiles, watercolor paint (one tube each of red, blue, yellow, black, and white), and a stir stick.

Paint Pot Palette is a collaboration between PlayAbility Toys and APH. Replacement parts are available from PlayAbility Toys, PlayAbilityToys.com

1-03933-01 $59.60



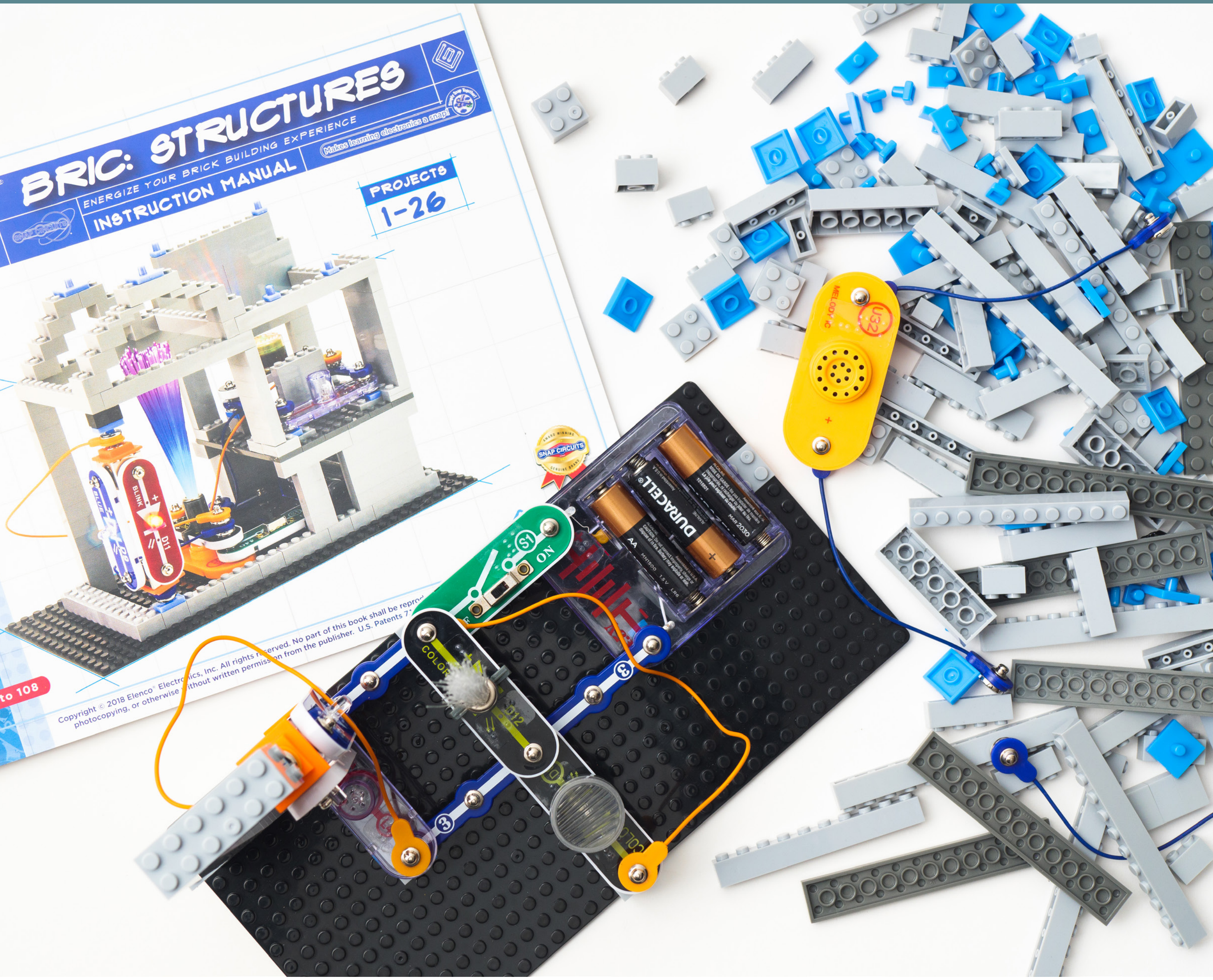
Braille Beads: APH Starter Kit ⚠ PARTS

These small, plastic rectangular beads have braille on one side and incised print letters on the other. Kit also includes fun image beads. Braille Beads measure 10mm tall x 8mm wide x 5mm deep (braille height is 0.52mm). Kit includes the large print and braille Bejeweled With Braille guidebook.

Recommended ages: Five years and up.

1-08879-00 $309.00

Engineering and Technology


BRIC: STRUCTURES
ENERGIZE YOUR BRICK BUILDING EXPERIENCE
INSTRUCTION MANUAL
PROJECTS 1-26
DURACELL

Accessible Code & Go Mouse 92
BRIC: Structures Access Kit 94
Code Jumper 93
CodeQuest 92
RC Snap Rover Access Kit 94
Snapino: Access Kit R 95
Snap Circuits Jr. 130 Access Kit 95

Engineering and Technology Related Products

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Math Flash 63
Math Robot 62
Nemeth Tutorial 67
Studio Recorder 188
UEB Math Tutorial 67

Learning Resources
Makes coding fun!
ages 4+
STEM
Create endless possibilities!
83 pieces
"squeak squeak"
Colby lights up and makes sounds!
Code & Go Robot Mouse Activity Set
develops

Accessible Code & Go Mouse

The Accessible Code & Go Mouse provides a hands-on introduction to coding concepts and tactile graphics as users program Colby the mouse to race through the maze toward the cheese. Build different mazes on a grid-style board by replicating the tactile graphics on the included activity cards. Users can reference the tactile/braille coding cards to map out a step-by-step path for Colby and enter that sequence by pressing the forward, reverse, right, and left buttons on Colby's back. Hit the Go button and watch Colby race to the cheese! Colby lights-up, makes sounds, and features two speeds along with colorful buttons for easy programming and sequencing. By programming Colby and helping him navigate through the maze to the cheese, students will learn problem-solving, critical thinking, if-then logic, O&M skills, route planning, and much more.

1-02750-00 $106.34

You win! You took 11 steps. Your best performance is 11 steps. You got 3 stars. Congratulations!

Next Level
Play Again
Back to Attis

Best Stars: 3 Best Performance: 6 steps
Hide Editing Cursor

CodeQuest

CodeQuest is a FREE, interactive and accessible app for iPad and iPhone that teaches preschool to early-elementary age players coding, logic, and orientation skills.

In each of the game's thirty levels, players (astronauts) start at row one, column one, and must program a route for the astronaut to follow to get back to his spaceship.

Electronic Download **D-30060-AP** FREE

Code Jumper ▶

Originally designed by Microsoft and developed by APH, this fun and engaging product is designed to teach students how to write computer code. Code Jumper technology takes block coding off the screen and puts it on the table in front of you, making it accessible for all learners. Brightly colored plastic pods with oversized buttons and knobs are connected by "jumper cables" (thick cords) to physically create computer code that can tell stories, music, and even crack jokes. Power Code Jumper from a Chromebook® notebook computer or Android device with the FREE Code Jumper for Android, available on the Google Play® Store. MATT Connect owners can also download the Android app and use it to pair with Code Jumper.

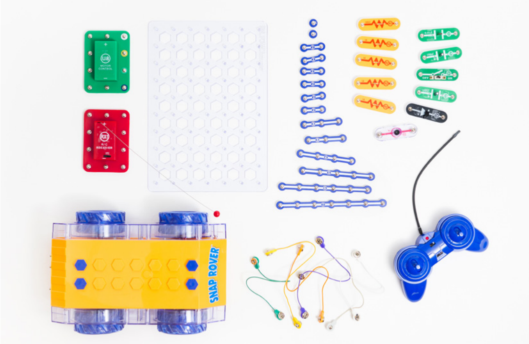
Code Jumper is equipped with multiple lessons that cover a variety of topics, from basic concepts like sequences and loops to more complex topics like counters and variables. Each lesson includes resources for teachers, student activities, and tutorial videos. The best part is you don't need a background in coding our computer science to teach Code Jumper. Everything you need to know to teach your students is included!

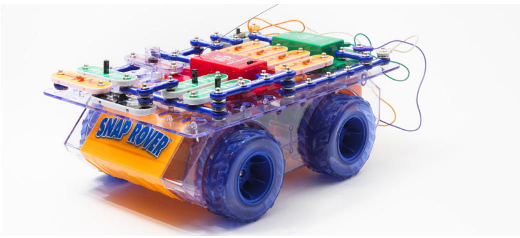
Note: When using the app on an Android device, users will see one thread at a time, and must swipe between the four threads. The app is supported on Chromebook notebook computers released 2019 or later.

codejumper.com/lessons.html

1-02700-00 $769.00

BRIC: STRUCTURES
INSTRUCTION MANUAL
PROJECTS 1-26





RX1
R/C
RECEIVER
ABC
1K
1K
100μF

The following products were developed by APH with generous cooperation and contributions from Elenco, makers of a wide variety of learning kits. Please visit elenco.com for information about their products and services.

BRIC: Structures Access Kit ⚠

With the BRIC: Structures Access Kit, children of all ages can let their imagination go wild as they construct 26 projects that run on electricity. These projects include, but are not limited to a light post project, BRIC tower project, BRIC bridge project, BRIC mammal project, tri-level house project, and light house project. Bric-2-snap technology combines the use of ordinary building bricks with Snap Circuits® to create circuits and real-world structures. Written instructions give step-by-step directions on how to assemble each project. Combine the BRIC: Structures Access Kit with the Snap Circuits Jr., RC Snap Rover, and Snapino® kits to open up endless possibilities of projects.

1-03048-00 $59.00

RC Snap Rover™ Access Kit ⚠

The RC Snap Rover Access Kit is an innovative tool that provides hands-on electronics education. Snap together colorful Snap Circuits parts to build an RC Snap Rover that can zoom across any surface or terrain with the included wireless remote control. Combine the RC Snap Rover with the BRIC: Structures Access Kit, Snap Circuits Jr. and Snapino kits to open up endless possibilities of projects. The RC Snap Rover Access Kit, sold exclusively by APH, takes the commercially available Elenco® Snap Rover and makes it accessible to users who are blind or low vision by providing parts labeled in braille, along with print and online instructions.

Create up to 25 different projects including: remote controlled rover, light following rover, water detector, saltwater detector, generator using motor, capacitor battery, and many more amazing projects!

1-03044-00 $109.00

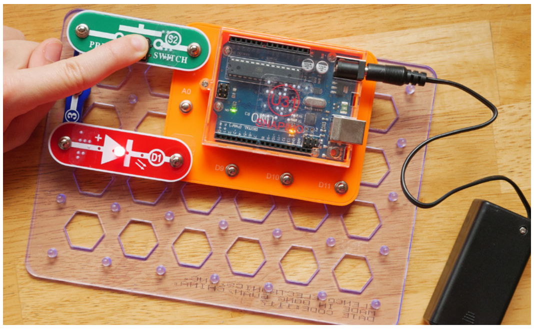
Snap Circuits Jr. 130 Access Kit

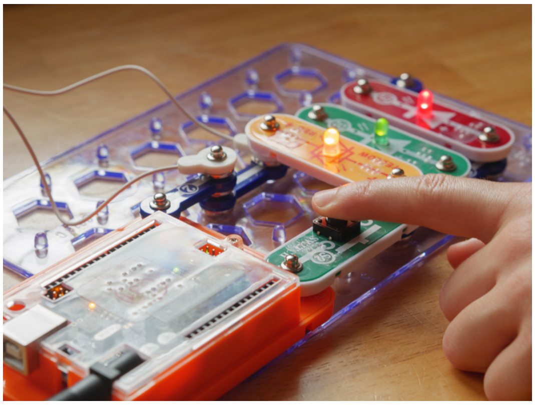
An entry-level product for learning about circuits, currents, resistance, switches, motors, and other basic electronics concepts. The Snap Circuits Jr. 130 Access Kit comes with 29 new projects and four additional- green fan, battery holder, motor, and fan.

Snap Circuits Jr. 130 comes with 29 new projects and four additional components not included in the original APH Snap Circuits Jr. Access Kit – green fan, battery holder, motor, and fan.

1-03049-00 $121.00

Snapino™ Access Kit R ⚠





Calling all aspiring programmers! Snapino is an introduction to the open-source Arduino® hardware-software coding environment. Use both the Snapino and Snap Circuits Jr. kits together to design larger circuits with speech capabilities.

Note: Please use 9V type alkaline batteries with this product. Batteries not included.

Warning: Choking Hazard – Small parts. This toy comes with a cord. Not intended for children under three years. Use with adult supervision.

1-03043-00 $57.46

Career and Technical Education

FoldRite Letter Folding Tool ◆◆◆◆◆◆◆◆◆◆◆◆◆◆ 96

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FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00 $6.00

Physical Education

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Astro Adventure Balls App N CVI

Astro Adventure Balls app is a free app for iPad and Android tablets that offers an engaging and interactive experience to assess and enhance visual, auditory, and cognitive skills through the journey of three lively talking ball characters in visually captivating environments.

D-00410-AP Free

APH Sound Balls CVI PARTS

Features dual speakers and volume; two colors/two distinct sounds; two-tone sound, non-toxic/latex-free materials; durable; 7 1/2 inches in diameter.

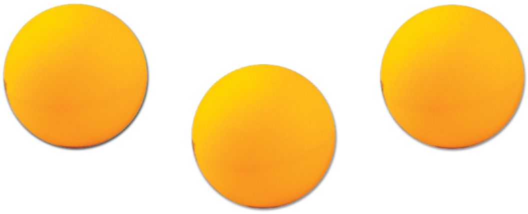
Boing Boing (Yellow)	**Techno Beat** (Red)
1-07510-00 $116.45	**1-07516-00** $116.65

Rib-It-Balls CVI ⚠

These fun balls are easy to grab and have high contrast ribbing. Crinkly fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in two sizes.

14-inch red/yellow	**18-inch blue/yellow**
1-07513-00 $29.42	**1-07514-00** $44.74

30-inch black/yellow w/pump
1-07515-00 $64.00



Sound Table Tennis Ball (3-Pack)

Included in the 30-Love Tennis Kit are the Sound Table Tennis Balls (also available separately). Use these bright orange sound-adapted balls to play table tennis or other fun education and recreational activities.

61-145-086 $23.40

30-Love Tennis Kit PARTS

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization. Includes: Two blindfolds and two rackets; set of six sound-adapted tennis balls; and 30-Love: Tennis Guidelines, large print and braille editions. Included in the 30-Love Tennis Kit are the Sound Table Tennis Balls (also available separately).

1-08110-00 $169.91

30-LOVE
prince
COOL SHOT 21

Walk/Run for Fitness Kit UEB PARTS

This Kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Includes two talking pedometers. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

1-07520-00 $217.27

WalkRun FOR FITNESS
American Printing House for the Blind, Inc.

Portable Sound Source, Sport Edition PARTS

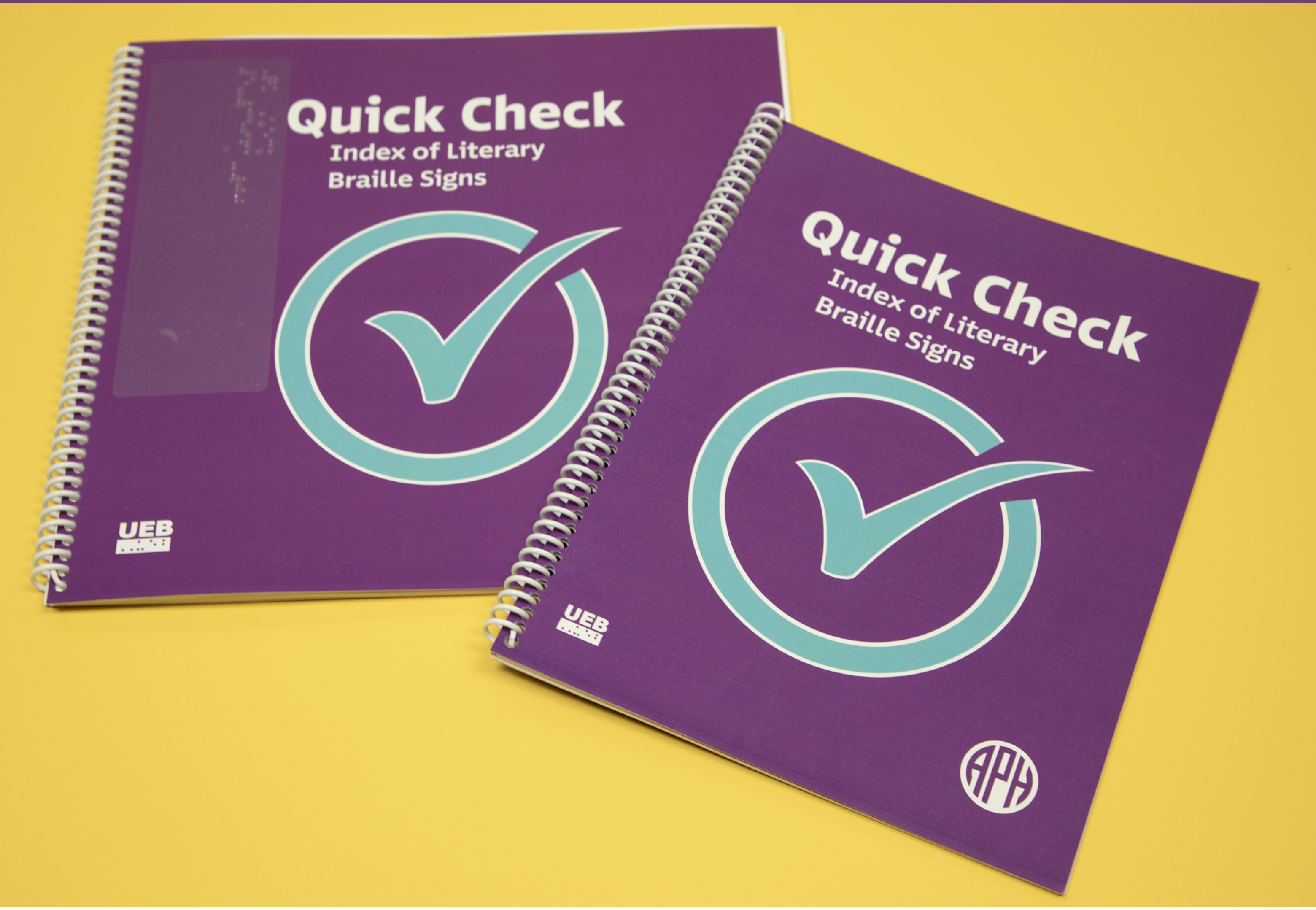
This lightweight sound source comes with a remote control and carrying strap. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports. Braille Guidebook sold separately.

Recommended ages: Six years and up.

1-03045-00 $246.00

RATE
TONE
VOL
PLAY
Portable Sound Source
sport edition
APH
P
V
T
R

Communication Modes & Literacy Education



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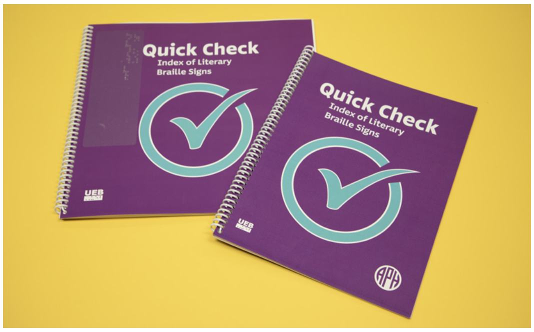


Quick Check Index of Literary Braille Signs

Quick Check has been updated to UEB! This reference booklet includes the most recent updates to the American, English Braille Code approved by the Braille Authority of North America (BANA). This contains the most commonly used literary braille contractions, such as alphabetic word signs, one-cell contractions, lower-cell contractions, short-forms, punctuation, and other UEB symbols.

Braille	**Print**
5-35961-00 $19.00	**7-35961-00** $19.00

Talking Typer™ (for iOS devices)

Comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill allowing students, teachers, and parents to monitor improvement.

The app can also be used with a refreshable braille display, making it accessible for students who are deafblind. Works with iOS devices running iOS 9.1 or later.

Available for free download from the App Store: **D-30021-AP**

Talking Typer™ for Windows

A computer keyboard and typing training software that speaks and displays lessons on screen.

Includes drills, practice, and typing games, and is adjustable to the student's level of skill and sight.

Requires a PC running Windows 7 or later.

Recommended ages: Six years and up.

Digital Download

D-03430-ED $79.00

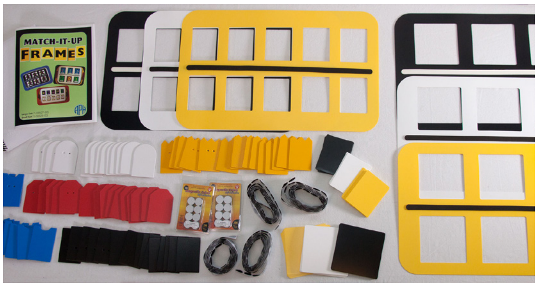
Large Magnetic Dry Erase Board

The Large Magnetic Dry Erase Board can be used as a standalone product to accommodate activities involving magnetic-backed pieces or activities requiring dry-erase markers. The working surface of the board measures 21 3/8 x 13 1/2 inches and is affixed to a blue, rigid vinyl that provides a visual border.

Recommended ages: All.

1-03557-00 $62.70

Match-It-Up Frames CVI UEB PARTS

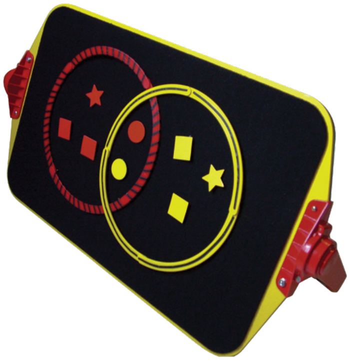


Use these frames in a variety of ways to facilitate learning tasks related to matching, sequencing, patterning, counting, and much more! Large Set and Small Set activities can be custom-designed by teachers and parents to address specific learning needs of students who are blind or low vision, as well as those with multiple disabilities. These matching frames are sized to fit on APH's All-In-One Boards—large and small.

Recommended ages: Three years and up.

Small Set	**Large Set**
1-08828-00 $168.07	**1-08827-00** $256.18

All-in-One Board CVI

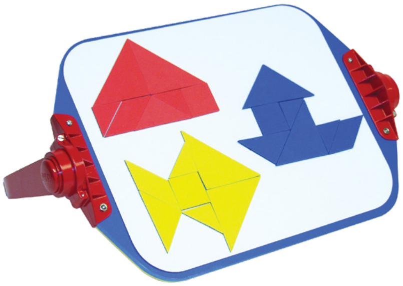


This multi-platform, easily-adjustable board from APH can be used in combination with either hook-and-loop accessories or magnetic pieces, as well as with dry-erase markers. Board can be positioned at a variety of angles. For classroom use with students of all ages.

Surface of board is 23 9/16 x 14 inches.

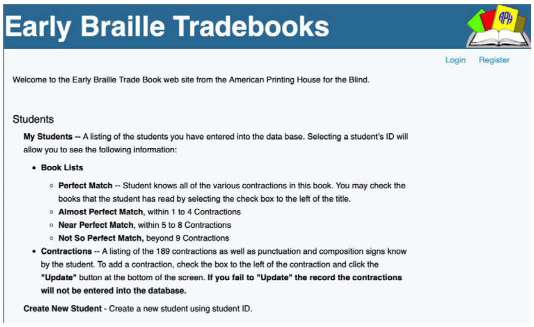
1-08836-00 $182.00

All-in-One Board: Student Model CVI



Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in the same way as the All-in-One Board. The smaller size accommodates portability and desktop use by an individual student who is blind or low vision. Surface of board measures 13 1/2 x 10 3/4 inches.

1-08833-00 $150.75



Early Braille Tradebooks

Welcome to the Early Braille Trade Book web site from the American Printing House for the Blind.

Students

My Students -- A listing of the students you have entered into the data base. Selecting a student's ID will allow you to see the following information:

- **Book Lists**
  - **Perfect Match** -- Student knows all of the various contractions in this book. You may check the books that the student has read by selecting the check box to the left of the title.
  - **Almost Perfect Match**, within 1 to 4 Contractions
  - **Near Perfect Match**, within 5 to 8 Contractions
  - **Not So Perfect Match,** beyond 9 Contractions
- **Contractions** -- A listing of the 189 contractions as well as punctuation and composition signs know by the student. To add a contraction, check the box to the left of the contraction and click the **"Update"** button at the bottom of the screen. **If you fail to "Update" the record the contractions will not be entered into the database.**

Create New Student - Create a new student using student ID.

Early Braille Trade Books

APH's Early Braille Trade Books combine commercially available books with braille labels for beginning readers. These kits include storybooks, braille labels, a Quick Start Guide and access to an interactive website: **ebt.aphtech.org**.

Features & Benefits

- Includes contracted or uncontracted braille labels.
- Packaged by Developmental Reading Assessment (DRA) and Fountas and Pinnell Reading Levels.
- Match books to each student based on his or her braille knowledge.
- Search for books by genre, core curriculum, and/or expanded core curriculum.
- Included interactive website allows you to:
  - access a book summary and activities designed for braille readers.
  - share or transfer student records to other teachers.
  - maintain a listing and percentage of contractions learned by each student – great for documentation at IEP meetings.
  - find books to use in conjunction with APH's Building on Patterns (BOP) series.

Rigby® PM Platinum Kits UEB

Kit 1

Braille, Fiction, Level 3-C

- Baby Lamb's First Drink
- The Baby Owls
- Hedgehog is Hungry
- The Lazy Pig
- Tiger, Tiger

Contracted	Uncontracted
3-00301-00 $109.00	**3-00302-00** $109.00

Kit 2

Braille, Fiction, Level 3-C

- The Big Kick
- The Bumper Cars
- The Little Snowman
- The Merry-go-round
- Wake up, Dad

Contracted	Uncontracted
3-00303-00 $121.33	**3-00304-00** $121.11

Kit 3

Braille, Fiction, Level 4-D

- Ben's Teddy Bear
- Ben's Treasure Hunt
- Father Bear Goes Fishing
- Hide and Seek
- Tom is Brave
- Where is Hannah?

Contracted	Uncontracted
3-00305-00 $142.26	**3-00306-00** $142.37

Recommended grades: Kindergarten and up.

Rigby Nonfiction Kits UEB

Kit 1

Braille, Nonfiction, Level 4-D

- Animals on My Street
- Frogs in the Pond
- My Big Tree
- Our Dog
- Our Pets
- Puddles

Contracted	Uncontracted
3-00401-00 $131.00	**3-00402-00** $131.00

Kit 2

Braille, Nonfiction, Level 6-8-E

- Animal Bodies
- Animals on Our Farm
- Mothers and Babies
- Our Fish

Contracted	Uncontracted
3-00403-00 $92.00	**3-00404-00** $92.00

Kit 3

Braille, Nonfiction, Level 10-F

- Hot sunny days
- Rain is water
- The sun, the wind, and the rain
- Where did all the water go?

Contracted	Uncontracted
3-00405-00 $99.00	**3-00406-00** $104.10

Recommended grades: One and up.

Kit 4

Braille, Nonfiction, Level 9-10

- The Best Dancer
- Bath Eyes
- The Scary Masks
- The Long Bike Ride

Contracted	Uncontracted
3-00407-00 $104.00	**3-00408-00** $104.00

Recommended grades: One and up.

Kit 5
Braille, Nonfiction, Level 11-12

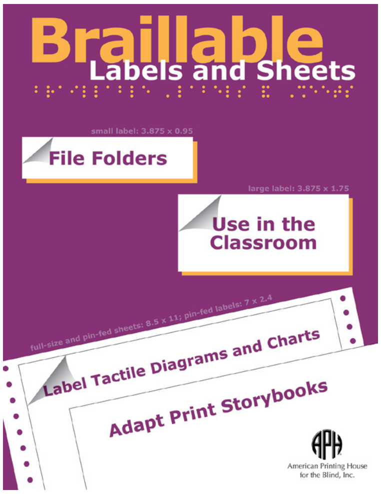
- Animal Homes
- The Berry Cake
- Building a House
- Houses and Homes
- The Party Clown

Contracted
3-00409-00 $129.00

Uncontracted
3-00410-00 $129.00

Recommended Grades: One and up.

Braillable Labels and Sheets


Braillable
Labels and Sheets
small label: 3.875 x 0.95
File Folders
large label: 3.875 x 1.75
Use in the Classroom
full-size and pin-fed sheets: 8.5 x 11; pin-fed labels: 7 x 2.4
Label Tactile Diagrams and Charts
Adapt Print Storybooks
APH
American Printing House for the Blind, Inc.

These clear, blank, self-adhesive labels can be brailled and used on items around the home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for brailling and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.

Assorted Pack
(5 small, 5 large,
10 full-size, and
30 pin-fed sheets)
1-08871-00 $50.00

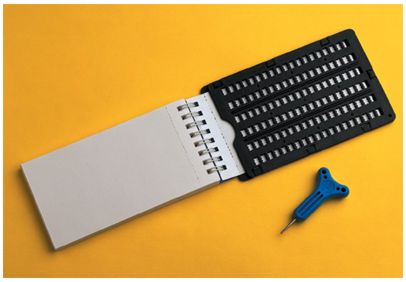
Small Label Pack
(3.87 x 0.95) 10 sheets,
18 labels per sheet
1-08872-00 $15.52

Large Label Pack
(3.87 x 1.75) 10 sheets,
10 labels per sheet
1-08873-00 $13.50

Full-Size Labels
(8.5 x 11) 15 sheets
1-08874-00 $23.93

Pin-Fed Labels
(8.5 x 11)
30 continuous sheets
1-08875-00 $38.00

Pin-Fed Labels
(7 x 2.4) 102 labels on a
continuous sheet
Not included in Assorted
Label Package.
1-08895-00 $20.54

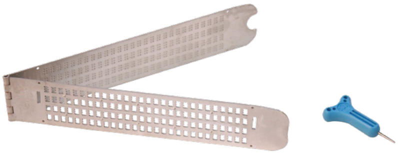


Braille Slates, Styluses, and Erasers

All slates include a stylus. Stylus Key: L = Large Handle, S = Saddle, F = Flat

Recommended ages: Six years and up.

Braille Slates



Janus Interline
19 cells both sides, 5 lines on one and 6 on other,
Plastic (S),
5 1/2 x 3 1/2 inches
1-00050-00 $7.63

Interpoint Pins Up
28 Cell, 4 lines, Lightweight Metal (L), Slotted for Labeling Tape,
8 1/4 x 1 3/4 inches
1-00081-01 $71.12

Pocket Slate Pins Up
28 Cell, 4 Lines,
Clear Plastic (L),
8 1/4 x 1 3/4 inches
1-00078-00 $12.60

28 Cell, 4 lines, Heavyweight Metal (L), Slotted for Labeling Tape,
8 1/4 x 1 3/4 inches
1-00160-00 $92.39

28 Cell, 4 lines, Black Plastic (L),
8 1/4 x 1 3/4 inches
1-00080-00 $14.77

Braille Styluses

(All have a metal point, F = Flat)

Large Yellow (F),
Fits in notebook or binder
2 x 1 inches
1-00121-00 $2.00

Small Green (F),
Fits in notebook or binder
1 3/4 x 1 inches
1-00122-00 $2.50

Saddle-Shaped (blue)
Plastic concave dip in handle
2 5/8 x 1 1/4 inches
1-00120-00 $2.50

Wood Handle

Large
Side of Handle (F),
2 3/8 x 7/8 inches
1-00200-00 $2.50

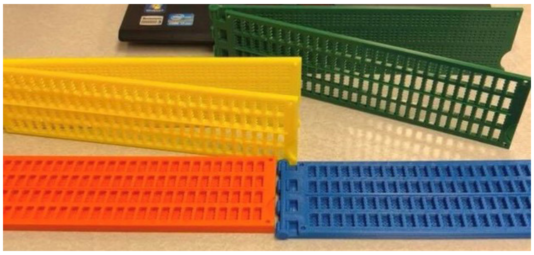
Small
Side of Handle (F)
1 7/8 x 3/4 inches
1-00220-00 $1.00

Braille Erasers

Wooden
2 1/2 inches long
1-00270-00 $2.00

Plastic
One Broad, One Narrow End,
5 inches long
1-00280-00 $4.00

Four Line 8 Dot Slate



Traditional braille consists of six dots per cell, but six dots can only represent 64 unique patterns. It is often desirable, especially in scientific or computer fields, to be able to represent a full character set, like ASCII in a one-to-one correspondence. That is where the 8-dot cell becomes important. APH offers a free file download that allows you to print your own slate on a 3-D printer.

D-19920-ED FREE

Slateholder

Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes fit a 3-ring binder.

Measures approx. 3 1/2 x 9 inches. Slates and styluses sold separately.

1-00082-00 $14.00

Tactile Graphic Line Slate

This specially designed two-ended stylus is specially designed for the creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc. The accompanying Instruction Booklet provides tips and techniques for using with various types of drawing media.

Recommended ages: Ten years and up.

1-00100-00 $58.49

Student Starter Pack

Basic braille materials packaged for students who are taking beginning braille classes. Includes 250 sheets of 8 1/2 x 11 inch manila transcribing paper, 250 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line, 28-cell slate with Saddle Stylus, and a Cranmer abacus.

1-00350-00 $89.00

Feel 'n Peel
Stickers:
Braille/
Print
Capital
Letters A-Z
Catalog No. 1-08870-00
APH
American Printing House for the Blind, Inc.

Feel 'n Peel Products

These fun and educational tactile/visual stickers and sheets have a variety of uses, and are printed and/or embossed on durable plastic with bright, translucent colors.

Braille/Print Capital Letters A-Z ⚠

Capital Letters A-Z are intended for the creation and adaptation of print capital letter materials for individuals who are blind or low vision.

These multi-use braille/print stickers are embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08870-00 $23.31

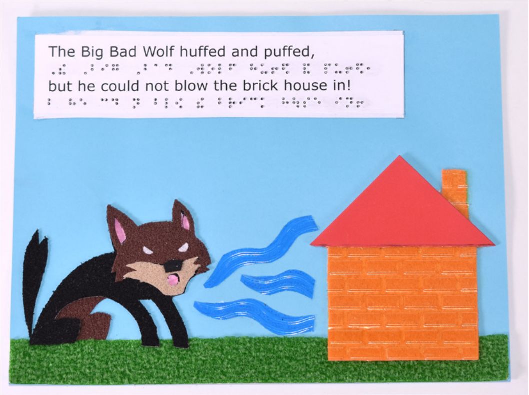
Carousel of Textures CVI ⚠ PARTS

These colorful, tactile sheets provide a simple way to create graphs and adapt games and art projects. Used by teachers, parents, students, and adults - these sheets provide a variety of textures and colors to complement Carousel of Textures.

Note: The colors, textures, and/or quantities of sheets and types of adhesive included may differ over time due to unexpected changes in availability.

Recommended grades: Preschool and up.

1-08863-00 $117.55


The Big Bad Wolf huffed and puffed,
but he could not blow the brick house in!

Carousel of Textures II UEB CVI ⚠ PARTS

Multi-use tactile sheets in a variety of textures and colors that broadens the selection of materials included in Carousel of Textures.

Recommended grades: Preschool and up.

1-08897-00 $169.00

Feel 'n Peel
Stickers:
UEB
Braille/Print
Numbers
0-100
Catalog No. 1-08971-00

Braille/Print Numbers 0-100 UEB ⚠

These multi-use tactile stickers are printed and embossed on clear, durable plastic and are intended for the creation and adaptation of science and math-related materials.

Recommended grades: Preschool and up.

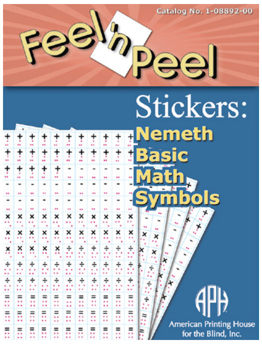
Nemeth	UEB
1-08876-00 $24.00	**1-08971-00** $26.00

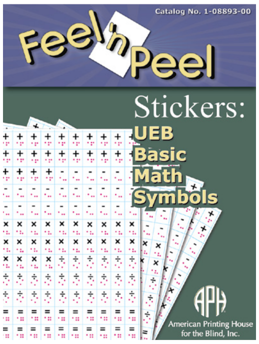
Basic Math Symbols UEB ⚠

These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

Recommended grades: Preschool and up.

Nemeth	**UEB**
1-08892-00 $30.81	**1-08893-00** $30.79


Catalog No. 1-08892-00
Feel'n Peel
Stickers:
Nemeth
Basic
Math
Symbols
APH
American Printing House for the Blind, Inc.


Catalog No. 1-08893-00
Feel'n Peel
Stickers:
UEB
Basic
Math
Symbols
APH
American Printing House for the Blind, Inc.

Feel 'n Peel Stickers ⚠ PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: Three years and up.

Kit UEB
1-08843-00 $96.00

Point Symbols
(over 1,200 stickers)
1-08846-00 $24.00

Smiley/Frowny Face
(over 200 stickers)
1-08847-00 $24.00

Reward Statements* UEB
(over 200 stickers)
1-08848-00 $24.00

Print/Braille Alphabet Letters
(over 600 stickers)
1-08849-00 $24.00

Feel 'n Peel Stickers II ⚠ PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: Three years and up.

***Note:** UEB recently updated; will be in effect once current stock is depleted.

Kit UEB
1-08864-00 $96.00

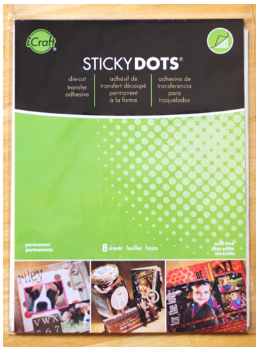
Numbers
(over 650 stickers)
1-08865-00 $24.00

Reward Statements II* UEB
(over 100 stickers)
1-08866-00 $24.00

Stars
(over 300 stickers)
1-08867-00 $24.00

Point Symbols II
(over 1,200 stickers)
1-08868-00 $24.00

Color Names UEB
(over 100 stickers)
1-08869-00 $24.00


iCraft
STICKY DOTS
die-cut transfer adhesive
adhésif de transfert découpé permanent à la forme
adhesivo de transferencia para troquelados
8 sheets feuilles hojas

STICKYDOTS® Adhesive

Make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets allow you to transfer the dots to a wide range of materials (felt, craft foam, textured paper, etc.). Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

Non-Quota

1-08452-00 $10.50

SAM: Symbols and Meaning

UEB CVI ⚠ PARTS ▶

A kit for learners with low vision and multiple disabilities and who are just beginning to use symbols. The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

Note: For the APH Intervention Continuum, APH recommends that learners use SAM and two other products in a certain order, see page 23 for more information.

1-08854-00 $428.00

Tactile Connections
Symbols for Communication

Tactile Connections: Symbols for Communication

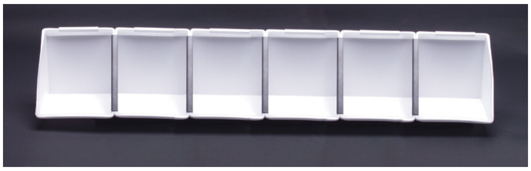
UEB CVI ⚠ PARTS

This kit enables teachers to create a tactile card system that is individualized for learners who are blind or low vision, have additional disabilities, and/or lack a formal means of communication or literacy.

1-08837-00 $178.39

Expandable Calendar Boxes

These closed-cell foam boxes can be used singularly as an anticipation box, or in a grouping of two or more as calendar boxes. The boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

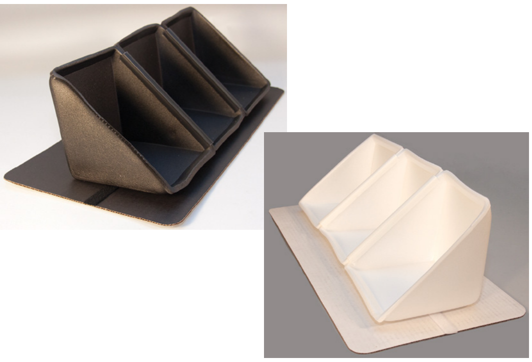


White	**Black**
1-08651-00 $235.00	**1-08652-00** $235.00

Calendar Box Stabilizer

Designed to rest on the majority of wheelchair trays, the Stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student.

Note: Calendar Boxes not included with Stabilizer.



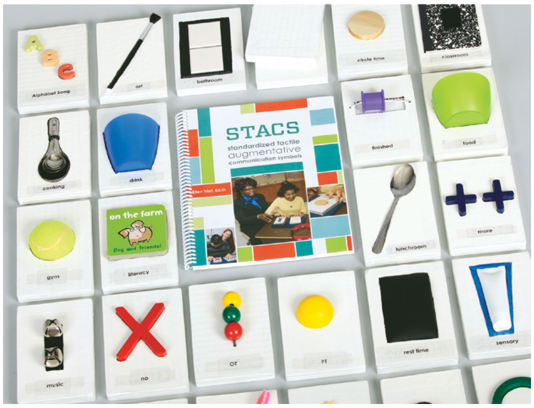
White	**Black**
1-08556-00 $33.00	**1-08557-00** $33.00

STACS: Standardized Tactile Augmentative Communication Symbols Kit

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. STACS helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary. Kit includes the LP guidebook. An optional braille version is sold separately.

Recommended ages: All.

1-08815-00 $734.81



Graphic Art Tape

Includes three different widths of black, crepe-finish tape (1/4, 1/8, and 1/16 inches) in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

1-08878-00 $49.42

GRAPHIC ART TAPE
Catalog No. 1-08878-00

Aluminum Diagramming Foil

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Sheets measure 11 x 11 inches.

(30-pk)
1-04090-00 $51.02

Tactile Graphics Kit
Graphics Kit
Tactile Graphics Kit

Tactile Graphics Kit PARTS

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

1-08851-00 $408.91

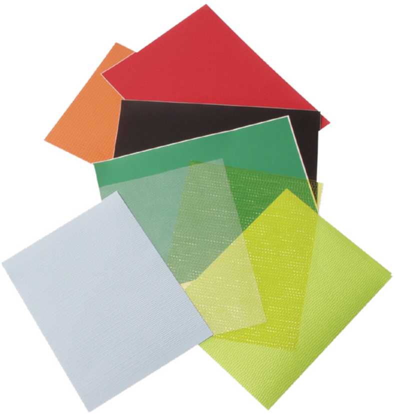
DRAFTSMAN
Tactile Drawing Board
Draftsman
Tactile Drawing Board

DRAFTSMAN Tactile Drawing Board PARTS

A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. The board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board, and use the included stylus or a ballpoint pen to quickly draw a raised image.

Includes 25 sheets of Tactile Drawing Film

1-08857-00 $236.75



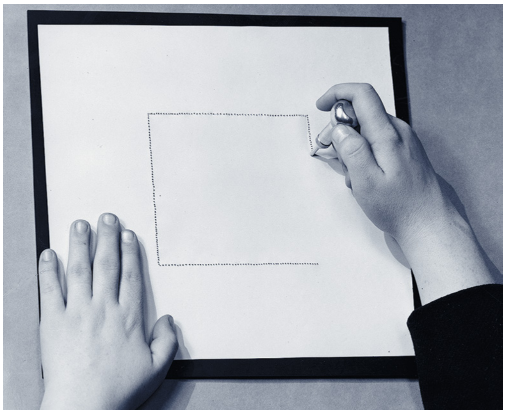
Textured Paper Collection

This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

1-03275-00 $56.00

Swail Dot Inverter PARTS

Construct simple diagrams, graphs, maps, etc., by embossing a series of single dots. Braille paper (sold separately) is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon™ plastic braille paper, available in multiple sizes from American Thermoform, americanthermoform.com



Recommended ages: Five years and up.

1-03610-00 $45.00

Quick-Draw Paper CVI PARTS

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities. Simply draw on a paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes ten sheets of Quick-Draw Paper™, instructions in large print, and two water-based markers. **Note:** Type and color of included marker might vary.

QUICK-DRAW PAPER™
Aa Bb Cc
train
QUICK-DRAW PAPER™ is great for children and adults as a drawing tool to create instant tactile pictures
QUICK-DRAW PAPER

Recommended ages: Four years and up.

1-04960-00 $45.00

Word Associations Print/Braille Labels PARTS

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words. Includes 91 labels and a Manual in either large print or braille.

Sample usage of labels
ball
bell

(Ball & bell not included)

Recommended ages: Three years and up.

Labels with Large Print Manual
8-39050-00 $59.00

Card Chart Kit PARTS

Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging. Up to five cards can be inserted into each of six high-contrast slots. Includes 90 blank cards and a corner cut for orientation.

Recommended ages: All.

1-03550-00 $59.00

January
April
May
June
July
August
September
October
November
December

Individual Calendar Kit

Includes 12 brightly colored, embossed/Boldline grid sheets - one for each month. Labels are marked in large print and in braille.

Recommended ages: Four to ten years.

1-18971-00 $31.12

JULY
2021
JULIO
2021
MARZO
Lun.
Mar.
Miér.
Jue.

Classroom Calendar Kit PARTS

Introduce children to concepts of measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals. Calendar grid dimensions: 21 x 21 1/2 inches. Includes 12 year cards. Labels are large print and braille.

Recommended ages: Four to ten years.

English	Spanish
1-18970-00 $171.00	**1-18973-00** $174.00

Fun with Braille UEB

Recommended for ages eight and up, this book is designed to provide additional practice for users who are already familiar with the braille contractions. The activities can be done in any order and can be chosen to practice a specific problem contraction or just for fun. A list of contractions and the activities in which they appear is included for reference. An answer key is provided in the back of the book.

Braille
5-00110-01 $53.66

Large Print
7-00110-01 $35.00

Quick Pick Braille Contractions UEB

Includes two cases of fifty cards with each case representing a cross-section of braille contractions in UEB braille code. On both sides of the cards, a braille contraction is on the top and four uncontracted answer choices are across the bottom. To play, the player chooses an answer by inserting the wooden tool in one of four holes in the front of the case. If the answer is correct, the card will slide out. If incorrect, the card will not pull out, and the player should try again.

1-03576-01 $175.21

TactileDoodle PARTS UEB

Use TactileDoodle and quickly generate tactile, raised-line graphics to convey a variety of concepts or art within the classroom or at home, including:

- Demonstrate a variety of concepts related to science, math, geography, etc.
- Illustrate spatial concepts and simple maps.
- Practice handwriting skills.
- Play interactive games (e.g. tic-tac-toe).
- Complete more open-ended, artistic drawing activities.
- Practice tracing skills (e.g. tracing within a stencil or around a 3D object).
- Provide tactile illustrations during teachable moments.

Includes 25 sheets of Tactile Drawing Film

1-08824-00 $125.00

Learn Keys™: Verbal Keyboard Feedback Software

A PC keyboard exploration and announcement program that gives you human speech feedback.

Requires a PC running Windows 7 or later.

Note: Learn Keys is not a screen reader – it speaks keystrokes.

Digital Download
D-03410-ED $14.95

ReadWrite Stand ⚠

Use this stand for both reading and writing tasks. Measures 18 x 14 1/8 inches and can be positioned in four distinct angles – 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs. It features two built-in handles, a low-profile clip for securing materials, and an LED book light.

Recommended ages: Five years and up.

1-03206-00 $143.88

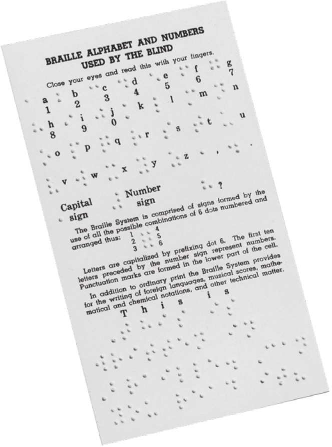
ReadWrite Stand Mini ⚠

Similar to the above ReadWrite, but smaller. Stand measures 10 x 11 1/2 inches and can be positioned in the same four distinct angles. Weighs approx. 1 1/2 lbs.

Warning: Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

Recommended ages: Five years and up.

1-03207-00 $117.10



BRAILLE ALPHABET AND NUMBERS
USED BY THE BLIND

Close your eyes and read this with your fingers.

a b c d e f g
1 2 3 4 5 6 7
h i j k l m n
8 9 0
o p q r s t u
v w x y z , .
Capital sign
Number sign
?

The Braille System is comprised of signs formed by the use of all the possible combinations of 6 dots numbered and arranged thus:
1 4
2 5
3 6

Letters are capitalized by prefixing dot 6. The first ten letters preceded by the number sign represent numbers. Punctuation marks are formed in the lower part of the cell.

In addition to ordinary print the Braille System provides for the writing of foreign languages, musical scores, mathematical and chemical notations, and other technical matter.

T h i s i s

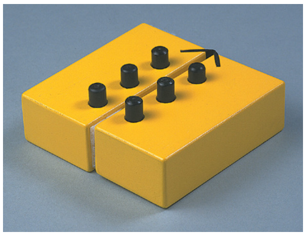
Braille Alphabet and Numbers Card

Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Non-Quota

(100-pk)
1-04020-00 $16.89

Swing Cell Compact



Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended ages: Five years and up.

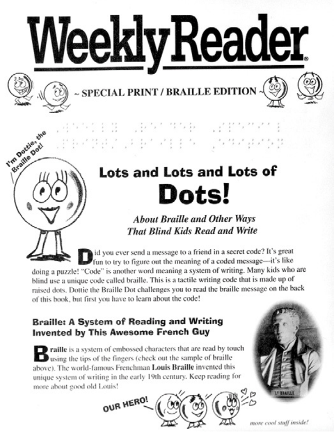
6-78041-00 $79.50

Pop-A-Cell

A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card included.

1-17002-00 $22.83

Weekly Reader: Special Print/Braille Edition



WeeklyReader

~ SPECIAL PRINT / BRAILLE EDITION ~

I'm Dottie, the Braille Dot!

Lots and Lots and Lots of

Dots!

About Braille and Other Ways
That Blind Kids Read and Write

Did you ever send a message to a friend in a secret code? It's great fun to try to figure out the meaning of a coded message—it's like doing a puzzle! "Code" is another word meaning a system of writing. Many kids who are blind use a unique code called braille. This is a tactile writing code that is made up of raised dots. Dottie the Braille Dot challenges you to read the braille message on the back of this book, but first you have to learn about the code!

Braille: A System of Reading and Writing Invented by This Awesome French Guy

Braille is a system of embossed characters that are read by touch using the tips of the fingers (check out the sample of braille above). The world-famous Frenchman **Louis Braille** invented this unique system of writing in the early 19th century. Keep reading for more about good old Louis!

OUR HERO!

more cool stuff inside!

A fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille. Sold individually.

As a special service, educators may request up to five copies free by calling: 1-800-223-1839.

Recommended ages: Eight years and up.

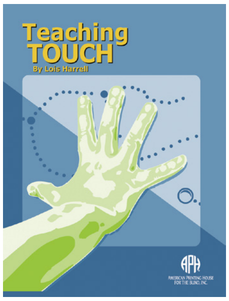
Z-SMWR97 $1.00

Touch and Tell PARTS

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots.

Recommended ages: Three to five years.

6-44670-00 $99.00



Teaching Touch PARTS

Helps parents or teachers encourage young children (four to seven years) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

1-08861-00 $113.29

Setting the Stage for Tactile Understanding PARTS

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of 2-D representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids in advanced understanding of scale and perspective.

Recommended ages: Five years and up.

1-08853-00 $209.00

Flip-Over Concept Books

These books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books consists of tactile, full-color panels that can be flipped until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, etc.

Recommended ages: Four years and up.

TELLING TIME UEB

This book portrays side-by-side representations of both analog and digital clocks that learners can independently set, compare, and read. The movable hour and minute hands on the analog clock creates a hands-on learning experience that makes telling time interactive and enjoyable.

Nemeth	UEB
1-08813-00 $149.00	**1-08814-00** $149.00

LINE PATHS

The goal is for the child to find three adjacent panels that continue the same type of line path (e.g., solid, dotted, double-dotted, etc.).

1-08831-00 $88.00

PARTS OF A WHOLE

The goal is for the child to find two adjacent panels that complete the whole picture as shown in the first (or left-hand) panel.

1-08832-00 $75.05

TEXTURES CVI PARTS

The goal is to find three adjacent panels that are embossed with the same textured pattern. Teachers/parents may select from an assortment of textured vinyl panels to build a unique flip-over book.

1-08829-00 $147.34

Flip-Over
CONCEPT BOOKS
TEXTURES

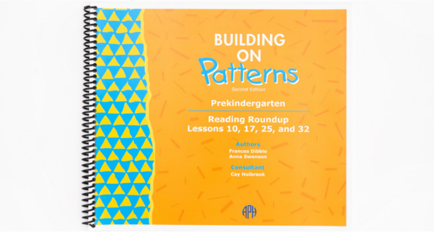
Building on Patterns (BOP) ▶

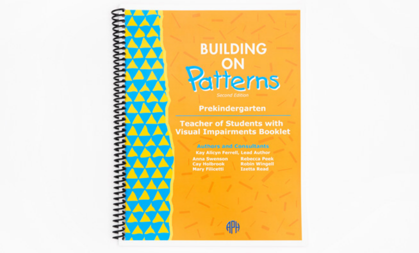
Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children (through second grade) with visual impairments to read and write using braille.

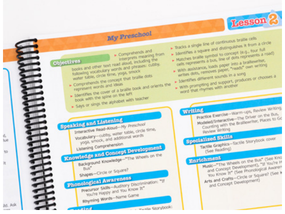
Please visit the BOP website for more information on all levels of BOP at aphbop.org.

All BOP Pre-K materials are in UEB

BUILDING ON Patterns
Teacher's Manual
REFERENCE VOLUME
PRE-K
Second Edition


BUILDING ON Patterns
Prekindergarten
Reading Roundup
Lessons 10, 17, 25, and 32


BUILDING ON Patterns
Prekindergarten
Teacher of Students with Visual Impairments Booklet


My Preschool
Lesson 2

Print Teacher's Manual
BUILDING ON Patterns
Prekindergarten | Volume 1 of 6
Lessons 1–5

Prekindergarten Level UEB PARTS

BOP Prekindergarten is the first level of the second edition of BOP, and its curriculum reflects best practices in braille literacy instruction, including lessons designed to build literacy skills related to listening, speaking, reading, and writing in preparation for kindergarten. It may be used as a stand-alone program, or as a supplement to regular preschool curricula.

APH recommends that the print children's books and their braille transcriptions in the Student Kit stay with the student after using them during lessons to help them begin (or supplement) their own library. The print and braille books can also be sent home so family members can have their own interactive reading sessions with their child.

APH also highly recommends teachers use the electronic versions of the parent letters on the BOP Pre-K web pages in order to tailor them to each student's family.

Note: The font for the braille with shadow dots used in the letters is available to download as well.

Features

- Includes 28 instructional lessons, each paired with a children's book and a tactile storybook that supports lesson concepts through activities that involve tracking, simple reading, and understanding tactile graphics.
- Each lesson begins with learning objectives, and then includes sections on the following:
  - **Speaking and listening:** interactive read-alouds using high-quality children's literature with an emphasis on oral vocabulary and listening comprehension
  - **Knowledge and concept development:** days of the week, weather, shapes, and other concepts relevant to the preschool curriculum

  - **Phonological/phonemic awareness:** environmental sounds, rhyming words, syllables, and initial and ending sounds
  - **Reading:** tracking skills, letter and number recognition, phonics, and independent reading of simple continuous text (tactile storybooks)
  - **Writing:** practice exercises, modeled/interactive (shared) writing, and name writing
  - A variety of tactile graphics
  - Enrichment activities incorporating poetry, arts and crafts, music, and movement
- Print and braille Teacher Kits are available.

BOP Prekindergarten Student Kit

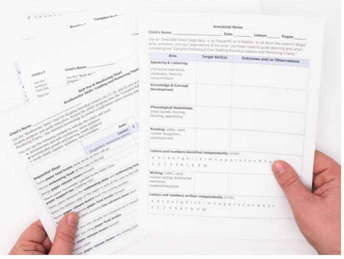
- Parent Booklet
- Print Parent Letters (also available on the BOP Pre-K web pages)
- Preschool Teacher Booklet
- Set of 27 Print Children's Books
- Student Set of 28 Braille Children's Books (includes one print-braille book)
- 28 Tactile Storybooks
- Four Workbooks
- Worksheets Pack
- Manipulatives Pack
- Monitoring Charts and Reading Roundup Consumables (also available on the BOP Pre-K web pages)

Print Teacher's Kit Includes: Quick Start Guide, TSVI Booklet, Teacher's Manual, Reading Roundup and Reference Volume

Braille Teacher's Kit Includes: Quick Start Guide, TSVI Booklet, Reading Roundup, Reference Volume and Teacher's Set of Braille Children's Books

Important Note: The 28-volume braille Teacher's Manual is not included in this kit. The hard copy version is only available from APH as make-to-order. Files are available for free download on the aph.org product page.

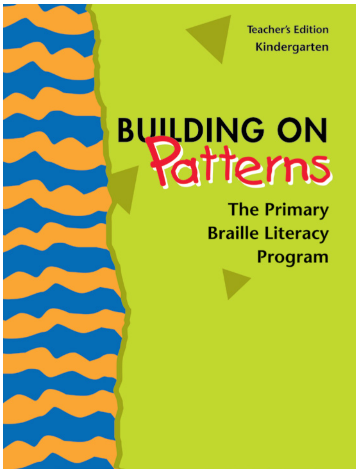
Teacher's Kit	Student Kit
Print 8-78534-00 $376.00 **Braille 6-78534-00** $664.00	**6-78530-00** $1,178.40



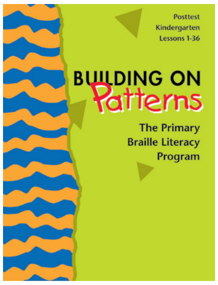
Building on Patterns (BOP) Kindergarten, First Grade, and Second Grade

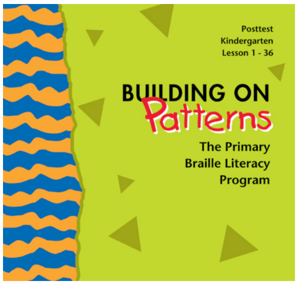
Important Note: BOP Kindergarten, First Grade, and Second Grade Levels each have free downloads of the UEB Teacher Supplements. The teacher materials have not yet been updated to UEB. Download the supplement for each Teacher's Edition under "Downloads" on the aph.org product page and use the information to mark up your Teacher's Edition.

Student materials are in UEB.


Teacher's Edition
Kindergarten
BUILDING ON
Patterns
The Primary
Braille Literacy
Program

Ready
We
For a Ride
Go
People Can
For Me
Color Me
Posttest Consumables Pack
Assessment Check-up Forms


Posttest
Kindergarten
Lessons 1-36
BUILDING ON
Patterns
The Primary
Braille Literacy
Program


Posttest
Kindergarten
Lesson 1 - 36
BUILDING ON
Patterns
The Primary
Braille Literacy
Program

Kindergarten Level UEB PARTS

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete.

Recommended ages: Four years and up.

Note: Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of seven Student Textbooks, and a Color Me Book.

Teacher's Edition

Print (two vol.)
8-78451-00 $84.00

Braille
6-78451-00 $72.96

Posttest Teacher's Manual

Print
8-78452-00 $13.55

Braille
6-78452-00 $13.15

Student Kit
6-78550-00 $322.41

First Grade Level

BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are also available separately.

Note: Student Kits include Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbook, and Worksheets Pack.

Recommended ages: Six years and up.

Unit 1
Not Far from Home
Student Kit
6-78560-U1 $179.00

Teacher's Edition
(Includes Reference Volume)
Print 8-78561-U1 $134.00
Braille 6-78561-U1 $139.37

Unit 2
Going and Doing
Student Kit
6-78560-U2 $204.52

Teacher's Edition
Print 8-78461-U2 $44.76
Braille 6-78461-U2 $44.14

Unit 3
Animal Tales
Student Kit
6-78560-U3 $189.94

Teacher's Edition
Print 8-78461-U3 $84.00
Braille 6-78461-U3 $83.42

Unit 4
At School
Student Kit
6-78560-U4 $178.00

Teacher's Edition
Print 8-78461-U4 $83.00
Braille 6-78461-U4 82.85

Unit 5
This and That
Student Kit
6-78560-U5 $197.52

Teacher's Edition
Print 8-78461-U5 $84.00
Braille 6-78461-U5 $83.58

Unit 6
More Animal Tales
Student Kit
6-78560-U6 $194.66

Teacher's Edition
Print 8-78461-U6 $81.00
Braille 6-78461-U6 $83.73

Unit 7
Think About It!
Student Kit
6-78560-U7 $168.00

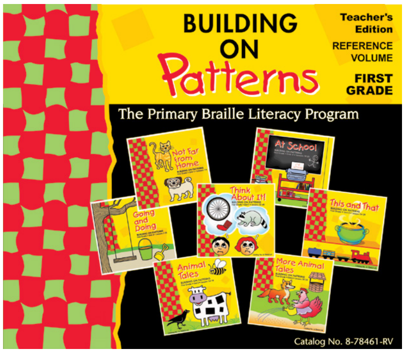
Teacher's Edition
Print 8-78461-U7 $38.00
Braille 6-78461-U7 $39.25

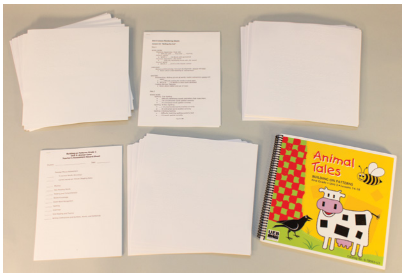
Optional Items

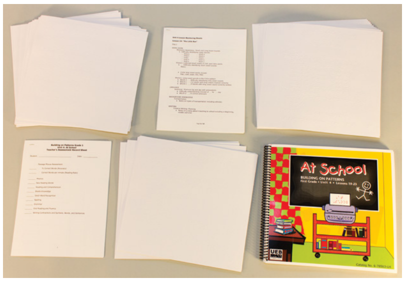
Posttest Teacher's Manual
Print
8-78562-00 $15.90

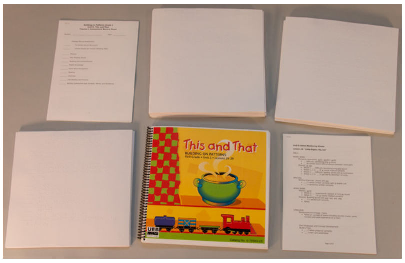
Braille
6-78562-00 $13.00

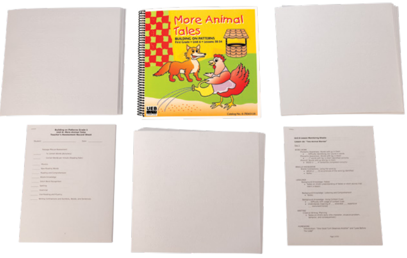
Print & Braille
Posttest Consumables Pack
8-78565-00 $58.76

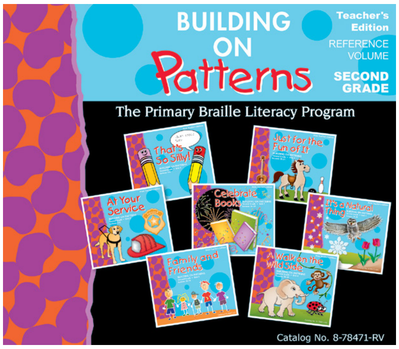

BUILDING ON Patterns
Teacher's Edition
REFERENCE VOLUME
FIRST GRADE
The Primary Braille Literacy Program
Not Far from Home
At School
Going and Doing
Think About It!
This and That
Animal Tales
More Animal Tales
Catalog No. 8-78461-RV


Animal Tales




This and That


More Animal Tales


BUILDING ON Patterns
Teacher's Edition
REFERENCE VOLUME
SECOND GRADE
The Primary Braille Literacy Program
That's So Silly!
Just for the Fun of It
At Your Service
Celebrate Books
It's a Natural Thing
Family and Friends
A Walk on the Wild Side
Catalog No. 8-78471-RV

Second Grade Level

Braille contractions are introduced from the beginning, along with sound and letter associations. Expanded Core Curriculum (ECC) skills such as using tactile graphics and technology are also included. BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words and the effect of certain letter combinations on vowel sounds.

For optional map work, each lesson gives the foreign origin of at least one spelling word.

Recommended ages: Seven years and up.

Prerequisite: BOP First Grade or equivalent skills.

Note: Each Student Kit includes Lesson Monitoring Sheets, Consumable Unit Assessment Packet, Student Textbook, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Volume.

That's So Silly!

At Your Service

Family and Friends

Unit 1
That's So Silly

Student Kit
6-78570-U1 $228.53

Teacher's Edition
(Includes Reference Vol.)
Print 8-78571-U1 $71.48
Braille 6-78571-U1 $70.45

Unit 2
At Your Service

Student Kit
6-78570-U2 $259.03

Teacher's Edition
Print 8-78471-U2 $53.00
Braille 6-78471-U2 $44.00

Unit 3
Family and Friends

Student Kit
6-78570-U3 $237.76

Teacher's Edition
Print 8-78471-U3 $204.00
Braille 6-78471-U3 $170.00

Unit 4
Just for the Fun of It

Student Kit
6-78570-U4 $244.73

Teacher's Edition
Print 8-78471-U4 $189.00
Braille 6-78471-U4 $157.00

Unit 5
It's a Natural Thing

Student Kit
6-78570-U5 $287.49

Teacher's Edition
Print 8-78471-U5 $205.00
Braille 6-78471-U5 $171.00

Unit 6
A Walk on the Wild Side

Student Kit
6-78570-U6 $219.22

Teacher's Edition
Print 8-78471-U6 $197.00
Braille 6-78471-U6 $164.00

Unit 7
Celebrate Books

(Includes three chapter books)

Student Kit
6-78570-U7 $233.00

Teacher's Edition
Print 8-78471-U7 $221.48
Braille 6-78471-U7 $188.00

Optional Items

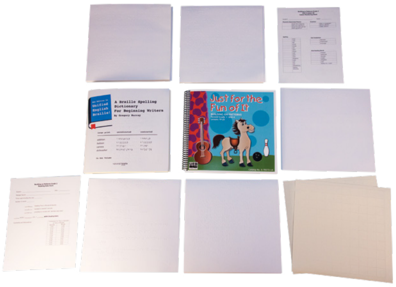
Posttest Teacher's Manual

Print
8-78572-00 $14.71

Braille
6-78572-00 $14.27

Posttest Consumables Pack

Print & Braille
8-78575-00 $42.32


A Braille Spelling Dictionary for Beginning Writers
Just for the Fun of It

It's a Natural Thing

A Walk on the Wild Side

SMART Brailler® by Perkins ⚠

This mechanical brailler has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech, and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille. Accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells.

Recommended ages: Three years and up.

Warning: Young children should be supervised during exploration and pre-braille activities.

1-00820-00 $2,149.00

APH Light-Touch Perkins Brailler® ⚠

This manual brailler has all of the great features of the classic Perkins Brailler but requires less pressure to depress the keys. Extended key design increases usability and comfort, and light gray keys provide contrast against the sapphire blue frame.

Recommended ages: Three years and up.

Warning: Young children should be supervised during exploration and pre-braille activities.

1-00815-00 $1,049.00

Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet.

Measures 8 3/4" x 10 1/2" and is in pads of approx. 165 sheets.

1-04560-00 $23.36

Beginner's Writing Paper

This special paper helps students practice manuscript writing. Top of sheet is printed with a sample alphabet, followed by Boldlines for practice.

Recommended ages: Five years and up.

1-04920-00 $8.00

abcdefghijklmn

Covers for Braille Documents

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Clear Frosted Cover and Back
1-04010-02 $4.00

Clear Frosted Cover with Royal Blue Back
1-04010-01 $4.00

ALPHABETIC
BRAILLE

Bold Print Paper

Makes it easier for users with low vision to complete written tasks. All sheet quantities below are approximate; all sizes are in inches.

Boldline Spiral Notebook

Looks like the type all students carry, but with Boldline paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

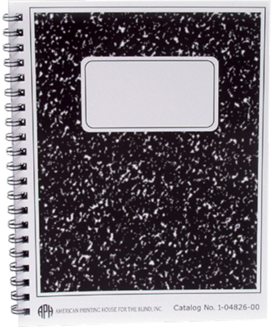
1-04825-00 $7.00

APH AMERICAN PRINTING HOUSE FOR THE BLIND, INC.
Catalog No. 1-04825-00

Collegiate Boldline Spiral Notebook

This notebook has more closely spaced Boldlines than the Boldline Spiral Notebook. 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00 $5.29


APH AMERICAN PRINTING HOUSE FOR THE BLIND, INC.
Catalog No. 1-04826-00

Spiral Pocket Notebook
Clean Edge
3 x 5 Inch Pages
50 Sheets
APH
1-04301-00

Spiral Pocket Notebook

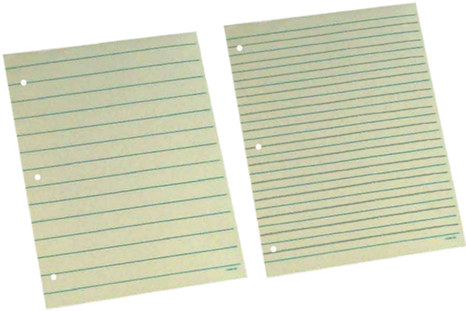
Each notebook contains 50 pages of 80# white braille paper. Spiral binding makes it easy to handle. Perforated sheets measure 3 x 5 1/2 inches (3 x 5 inches when removed). Works easily with APH's Janus Slate.

(6-pk)
1-04301-00 $33.39

Boldline Notebook Paper

Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching, or in loose sheets punched for a 3-Ring binder. 500 sheets of 8 1/2 x 11 paper.

Loose Sheets **3-Hole Punch**	**Padded** **Unpunched**
7/16 inch line spacing **1-04851-00** $19.00	**7/16 inch line spacing** **1-04791-00** $23.00
9/16 inch line spacing **1-04861-00** $21.00	**9/16 inch line spacing** **1-04801-00** $21.23

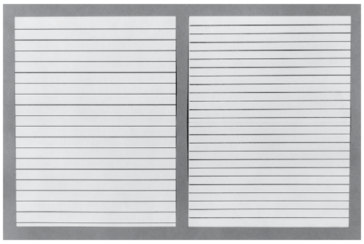


Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines, 300-pk.

8 1/2 x 11, **3-Hole Punch**

3/4 inch line spacing	**7/16 inch line spacing**
1-04869-00 $21.00	**1-04872-00** $24.00



Boldline Letter-Writing Paper

This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad, 8 1/2 x 11 inch paper.

7/16 inch line spacing	**9/16 inch line spacing**
1-04811-00 $19.00	**1-04821-00** $15.82

Antique Ivory Opaque Paper

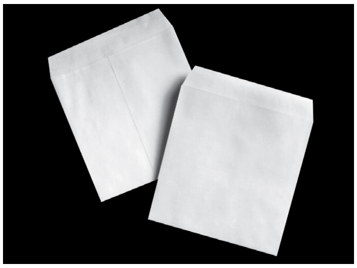
Ivory colored, unlined paper for good contrast – great for photocopying large print documents (500-pk).

8 1/2 x 11	**11 x 17**
1-04501-01 $18.00	**1-04500-00** $35.00
11 x 14 **1-04500-05** $49.00	

Mailing Envelopes for Braille

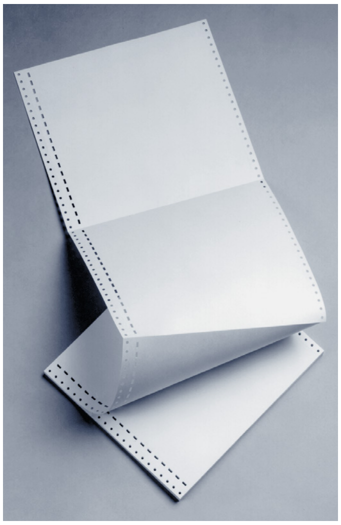
Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measures 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets.

(25-pk)
1-04230-00 $7.00



Braille Paper

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. Sheet quantities are approximate; all sizes in inches.



White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 90# paper.

8 1/2 x 11
Unpunched 500 sheets
1-04137-01 $43.78

3- and 19-Hole Punch
500 sheets
1-04138-01 $45.07

11 1/2 x 11
Unpunched 1000 sheets
1-04139-01 $79.47

3- and 19-Hole Punch
1000 sheets
1-04140-01 $77.59

White Braille Paper

This 80# paper is for use with braille slates and braillers.

8 1/2 X 11

Unpunched
Now with 400 sheets
1-04151-01 $14.98

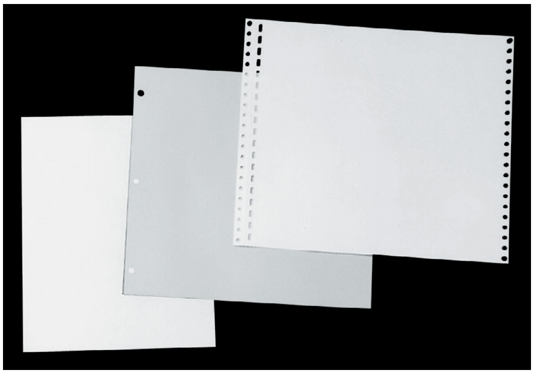
3-Hole Punch 150 sheets
1-04401-00 $5.00

11 1/2 x 11

Unpunched 150 sheets
1-04221-00 $14.98

3-Hole Punch 110 sheets
1-04471-00 $5.50

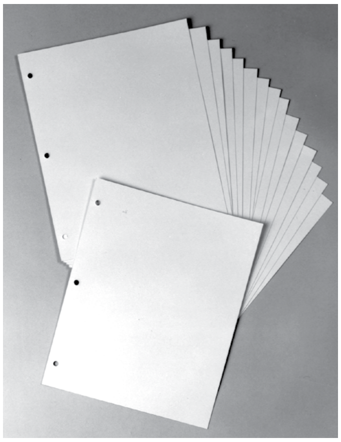
3 3/4 x 5 3/4 6-Hole Punch
Fits in Pocket Notebook
250 sheets
1-04390-00 $2.00



Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11	**11 1/2 x 11**
Unpunched 500 sheets **1-04530-00** $20.00	**Unpunched** 500 sheets **1-04540-00** $32.90
3-Hole Punch 500 sheets **1-04660-00** $20.00	**3-Hole Punch** 500 sheets **1-04680-00** $32.89
	19-Hole Punch 500 sheets **1-04650-00** $32.90



Dividers for Braille Notebooks, 3-Hole Punch

Will fit the Azure Blue or the White 3-Ring Braille Notebooks. Heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

12x11
(for White Notebook)
1-04226-00 $6.58

Braille Notebooks, 3-Ring

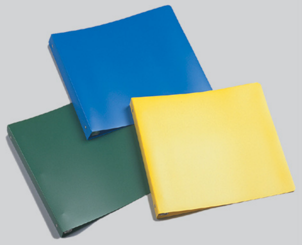
Made of heavy-duty board covered with white vinyl. Holds approximately 100 sheets of 11 1/2 x 11 inch braille paper.

1-04380-00 $10.00

Floppy Braille Binders

Durable plastic 3-Ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Includes three binders, one each: green, blue, yellow with an inside pocket.

1-04295-00 $18.43



Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

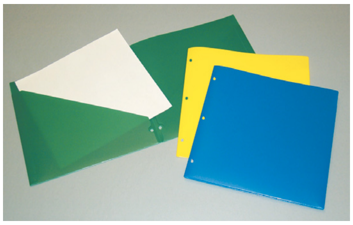
Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

▶ YouTube

Product videos available on APH's YouTube Channel. youtube.com/user/aphftb



Braille Pocket Folders

Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-Ring binder. Made of durable, flexible plastic. Includes three folders, one each: green, blue, and yellow.

1-04294-00 $20.84

Super-Sized Folders

These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit. Part of the braille page remains uncovered so that the contents of each folder can be quickly scanned, one each: green, blue, and yellow.

1-04296-01 $22.00

Plastic Binder Envelopes for Braille

These envelopes have a side tab that is 3-hole punched for use in a 3-Ring binder and a flap that opens from the top and is held closed using three hook & loop coins. Accommodates up to 20+ sheets of braille, one each: green, blue, and yellow.

1-04297-00 $32.00

I-M-ABLE Kit

I-M-ABLE
Individualized Meaning-Centered Approach to Braille Literacy Education
money
cat
purse
Bob
pizza
keys
Word PlayHouse
Letter and Word Family Cards

The I-M-ABLE (Individualized Meaning-Centered Approach to Braille Literacy Education) book and accompanying materials are designed to assist children who are candidates for braille instruction, but are struggling with the beginning stages of learning letters and sounds. This resource also helps students with mild to moderate cognitive impairments or other difficulties. As they teach, teachers can continuously analyze the strengths and needs of their students. The lessons in this curriculum use key vocabulary words and phrases based on students' individual experiences and interests. With success built into each lesson, students are rewarded with progress, which further engages them in the learning experience.

1-00351-00 $495.00

BrailleBuzz ⚠

BrailleBuzz is an instructional toy for young braille learners, ages two to five. It encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing. Resembling a cartoon bumblebee, BrailleBuzz encourages little ones with audio feedback, a friendly recorded human voice and fun sounds, paired with a Perkins-style braille keyboard, designed with little hands in mind.

Requires two AA batteries (not included).

1-03935-00 $99.00

Visual Efficiency and Low Vision

oregano, zest (save the juice for the
Cut the zucchini in half lengthwise,
half-moons. Do the same with y
has a globe shape, in which case
halve the cherry tomatoes. Cut t
+
−
APH

Armadillo Army Software 150
Barraga Visual Efficiency Program 138
Bright Line Reading Guide 139
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CVI Book Builder 141
CVI Complexity Sequences 149
Decision Making Guide 141
Dycem 146
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Increasing Complexity Pegboard 142
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Spinner Overlays for the Light Box 144
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Visual Efficiency and Low Vision Related Products

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Astro Adventure Balls App 98
Boldline Paper 129
Color Raceway Kit 180
CVI Companion Guide 185
ReadWrite Stands 118
Sensing and Learning 46
Variable Beam Flashlight Kit 160

Envision Kit

This combination of the Envision I and II Kits provides lessons for users to learn how to use optical devices for a variety of tasks in different environments, such as reading object cards, maps, word puzzles, Sudoku, medicine labels, nutritional facts, price tags, coupons, optical aids, and more

Note: The Envision Kit can be paired with FVLMA Kit to determine functional vision with the use of a magnification device for near and distance reading lessons.

Envision Kit with Optical Aids
1-08562-00 $1,299.00

Envision Kit without Optical Aids
1-08563-00 $299.00

Envision Training Program Distance Reading Activity Cards Using Telescopes
Envision Training Program Vision Enhancement Program Using Near and Distance Magnification Optical Devices Guidebook
Envision Training Program Near Reading Activity Cards Using Magnifiers
W STAR LN
606
3255

Juno

Magnify on the go with this powerful, 7-inch, LCD touchscreen handheld video magnifier with Optical Character Recognition (OCR). Designed to accommodate the needs of students and adults with low vision, Juno is a great magnifying solution for use during work and recreational activities. Juno can capture and process multiple pages of printed text using OCR. Users can either read the text on the screen with 2x-30x magnification and 24 high-contrast color modes, or have it read aloud to them using text-to-speech (TTS).

Juno offers a barrel camera that rotates 180 degrees to support five camera modes – promoting independence, learning, and continuing the hobbies that bring joy to everyday life:

- Self-view: complete grooming tasks
- Reading-view: view documents like books and homework assignments
- Distance-view: read a bulletin board, white board, or poster
- Writing-view: fill out a form, sign your name, write a check, or complete a worksheet
- Hobby-view: sew, knit, paint/color a picture, or view your favorite recipe

Note: Installing updates using a USB-C flash drive is required.

1-00380-00 $1,177.00

Hey, bug, stay!

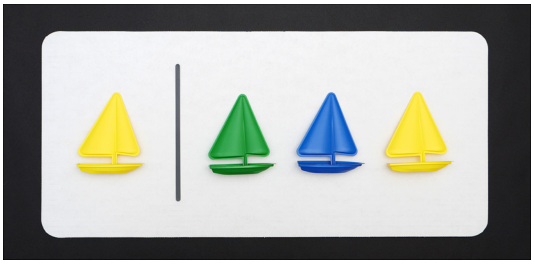
Video Mag HD

APH and Freedom Scientific partnered to develop the Video Mag HD, a durable, kid-friendly handheld high definition video magnifier.

Video Mag HD combines a high-definition camera with a rugged, lightweight body. Its auto-focus HD camera can magnify from 2x to 13x. 4.3-inch LCD screen. Supports five default color modes and 15 additional contrasting color modes.

1-03914-00 $539.00

BARRAGA
Visual Efficiency Program
Perceptual Skills Evaluation
BARRAGA
Visual Efficiency Program
APH



Barraga Visual Efficiency Program

UEB CVI ⚠ PARTS

The Barraga Visual Efficiency Program (BVEP) evaluates the visual efficiency of, and provides available methods of instruction for, students with low vision who have ocular impairments and who have achieved cognitive developmental skills at or beyond the three-year-old level.

BVEP contains information and materials for teachers to evaluate the visual efficiency needs of their students and determine a baseline on where a student is on his/her ability to perceive shapes, size, color, orientation, visual closure, internal detail, matching, and naming missing objects. Instructional methods are included to help students improve in these areas and to maximize their available vision.

Note: Some of the instructional designs used in this program may also be appropriate for students who have CVI if they are developmentally three years old or older and if appropriate accommodations are used. Teachers can also use the Barraga website to record their assessments and evaluations at barraga.aphtech.org.

1-08531-00 $729.00

Bright Line Reading Guide

Place guide over text to highlight, eliminate glare, and promote maximum contrast. Bright Line Reading Guide is 10-inches long, but can be cut to any size and 3-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Yellow (2-pk)
1-03060-00 $11.00

Pink (2-pk)
1-03061-00 $11.00

Topaz Filters

These topaz glasses are amber in color and filter out blue light produced by overhead florescent lighting, LED lighting, UV, and other lighting in the blue color spectrum, similar to UltraLens glasses (see UltraLens description).

Adult
(wear alone or over glasses)
1-08179-00 $9.00

Jr. Clip-On
(clips to child's glasses)
1-08182-00 $22.00

Jr. With Headstrap
1-08180-00 $29.00

Infant With Headstrap
1-08181-00 $29.00

UltraLens Filters

The UltraLens glasses filter out UV and blue light while still allowing the wearer to see materials with a brighter, high contrast view through yellow lenses. UltraLens addresses the amount of blue light exposure through computer screens, overhead florescent lights, LED lighting and other lighting in the blue color spectrum thus reducing glare, eye strain and fatigue. These lenses are beneficial in enhancing contrast for the user while providing a comfortable viewing experience. The yellow lenses are available in three sizes. A soft case is provided to store the lenses.

Adult
(wear alone or over glasses)
1-08175-00 $14.00

Jr. Clip-On
(clips to child's glasses)
1-08178-00 $20.00

Jr. With Headstrap
1-08176-00 $34.40

See Like Me: Low Vision Simulators

These simulators are standard safety glasses that have been fit with inserts to mimic common eye conditions.

These simulators cannot exactly produce any person's exact vision; instead, they give a general sense of what it is like to function with low vision that stems from a particular condition, including Glaucoma, Diabetic Retinopathy, Macular Degeneration, Detached Retina, and many more!

Recommended ages: 12 years and up.

1-08053-00 $190.50

Get Creative!

Enter APH InSights Art Annual Juried Art Competition and Exhibition!

Each year APH sponsors a juried art competition and exhibition designed **exclusively for artists of all ages who are blind or low vision.** Works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories.

Submissions to APH InSights Art may include sculpture, pottery, weaving, photographs, prints, paintings, mixed media, and collage.

To enter, contact the Special Programs Manager, insights@aph.org

APH has created a calendar featuring artwork from APH InSights, see page 19

CVI Book Builder

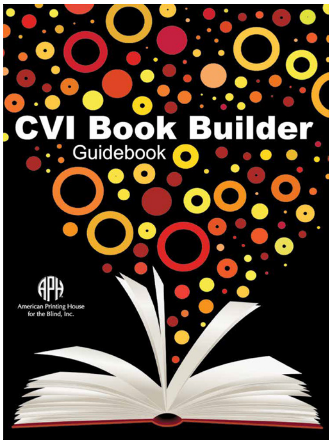
For use with children who have been diagnosed with CVI and benefit from reduced complexity. CVI Book Builder provides materials for parents and teachers to build books specifically for their reader — adaptations of print books, firsthand experience books, concept books, and more!

It includes a variety of black pages and black binders to use as low complexity backgrounds against which to present familiar items, photos, and letters/words. All pages fit into sturdy plastic binders with reclosable safety loops. Binders feature an open-view front to allow users to create and insert their own cover art.

The guidebook contains 17 pages, including basic ideas for creating your own books.

Note: Binders and pages in CVI Book Builder and Tactile Book Builder can be used interchangeably. Most kit components are available as replacement parts.

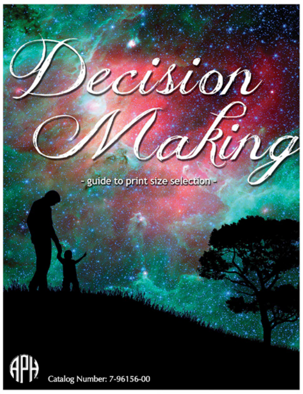
1-08825-00 $311.69


CVI Book Builder
Guidebook
APH
American Printing House for the Blind, Inc.

Decision Making Guide

Decision Making Guide: A Guide to Print Size Selection is a quick guide to help determine the correct print size for a student's unique visual functioning. The estimate is reached as part of a learning media assessment with the use of word, sentence, and passage reading charts to arrive at print sizes needed for various tasks.

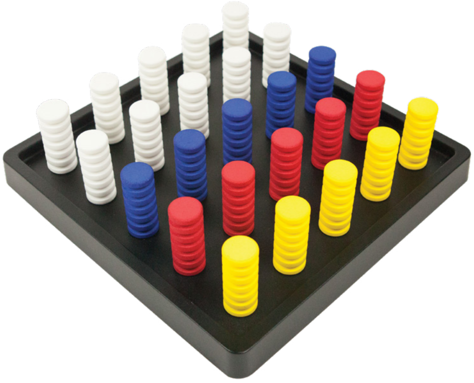
7-96156-00 $51.00


Decision Making
- guide to print size selection -
APH
Catalog Number: 7-96156-00

Explorer Bright Ray PARTS

This head-worn LED lamp helps adults and students with many activities. It features three light intensity settings, adjustable angle and head straps, very low energy usage, unbreakable lens, and water resistant. Included book tells reader everything they need to know about Light Emitting Diodes (LEDs).

1-08943-00 $79.00



Increasing Complexity Pegboard CVI PARTS

The Increasing Complexity Pegboard was created for children with visual impairments, including those diagnosed with CVI. Paired with diagnostic teaching strategies, the pegboard set helps to determine and support the child's color, lighting, movement, and complexity needs.

Note: The APH Tactile Graphic Image Library (**TGIL**) has access to 3-D printing files, allowing additional pegs to be printed on your own 3-D printer.

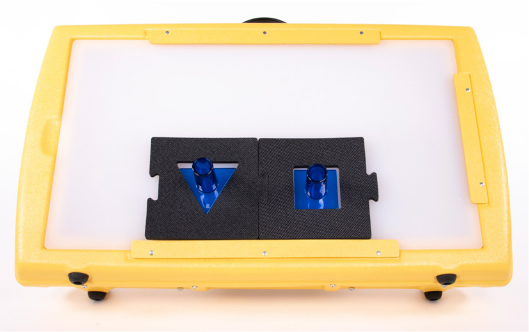
1-08160-00 $169.00

Light Boxes

APH's light boxes are unique devices, recommended for all ages, which help students utilize their residual vision. When used with special sets of materials designed by APH, light boxes help develop awareness of light, color, and objects, and also assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Recommended for all ages.

LED Light Box CVI PARTS



The new and enhanced Light Box now features an LED light bulb, which is known to last longer and use less energy. It also features lithium batteries that hold a charge much longer than previous models. Similar in looks to the Light Box customers have grown to know and love, the new LED Light Box also features a lighted, translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control, and can be used flat or tilted at three angles. Built-in ledges hold overlays in position.

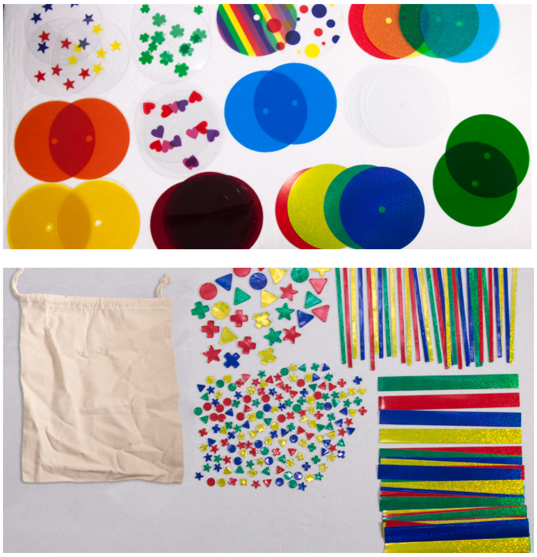
*Adapter accepts power from 110VAC to 220VAC.

1-08655-00 $553.22

LED Mini-Lite Box UEB CVI PARTS

Smaller, lighter, and less expensive than its larger counterpart, the LED Mini-Lite Box is an all-inclusive, person-centered learning tool for students of any age who are low vision, as well as students with CVI and other disabilities. Individual items from the Light Box Materials Levels I and II can be used with it. An optional carrying case is available. Also available separately are Mini-Lite Box Transparent Overlays which may be used to promote light awareness, improve contrast and visibility, and introduce color matching. Accepts three commercially available tabletop/wheelchair mounts.

1-08654-01 $259.00



Spinner Overlays for the Light Box

CVI ⚠ PARTS

Designed to meet the needs of learners with CVI or low vision, Spinner Overlays can be adapted and layered for many purposes. They use light, movement, and increasing levels of complexity, and may be customized by creating patterns with the included pre-cut stickers, or with commercially available stickers.

Warning: Choking Hazard–Small Parts. Not intended for children ages five and under without supervision. Seizure Hazard–Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.

1-08692-00 $338.21

Mini-Lite Box Overlays
APH

Mini-Lite Box Overlays

Used for instruction or assessment in color and shape identification and counting. Parents and teachers can individualize their lesson(s) by adding layers of Mini-Lite Box overlays according to each student's level of visual complexity.

1-08659-00 $109.00

Light Box Materials and Activity Guides

Light Box Activity Guides have sections on CVI, references to products, and increased accessibility. The Guides are available in English and Spanish. Activity Guides for both levels may include a number of Activity Sheets.

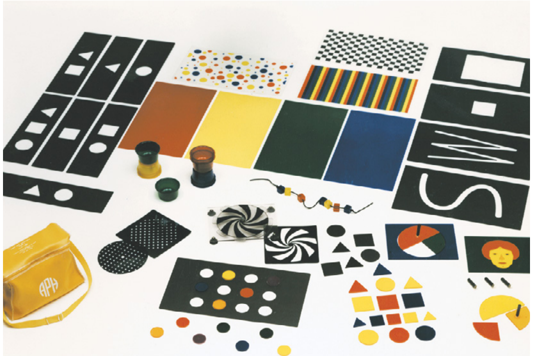
Note: Most Light Box Materials can be used with the Mini-Lite Box.

Level I CVI PARTS

These materials help teach basic visual skills, eye-hand coordination, and simple matching skills. Level I includes colored and patterned overlays, a plexiglas spinner with overlays, and colored transparent items: basic shapes, puzzles, threading beads, and tumblers.

Recommended ages: Birth to four years.

1-08670-00 $438.00

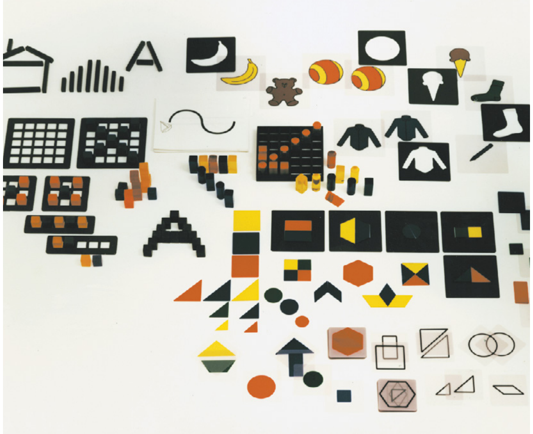


Level II CVI PARTS

These materials help teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. Level II includes an expanded range of geometric shapes, colored transparencies depicting shapes and familiar objects, stencils, outline shapes, and a pegboard and colored translucent pegs/blocks.

Recommended ages: Three to five years.

1-08680-00 $919.21



Dycem

The Dycem® is a translucent mat that adheres to the Light Box or Mini-Lite Box Ledge, enabling light box materials to stick to the surface of the Dycem when viewing at an angle.

Mini-Lite Box	Light Box
1-08658-00 $13.51	**1-08694-00** $16.08

Ledge Set

The Light Box and Mini-Lite Box ledges slide into place and help support bulkier light box materials (Swirly Mats, Bright Shapes Knob Puzzles, etc.) when a learner uses/views them at an angle. Set includes Dycem mat.

Mini-Lite Box	Light Box
1-08657-00 $41.54	**1-08693-00** $49.10

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

▶ YouTube

Product videos available on APH's YouTube Channel. youtube.com/user/aphftb

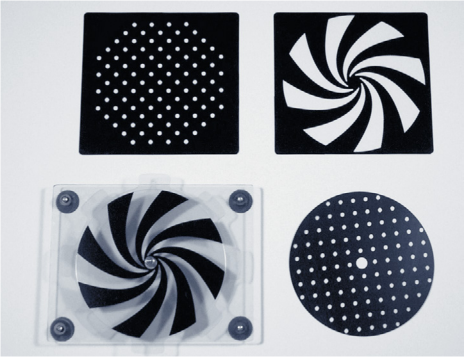
Separate Sets Available from Light Box Materials Levels I and II

Each item is accompanied by sheets of activities grouped by skill. Can be used with Mini-Lite Box.

Plexiglas Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

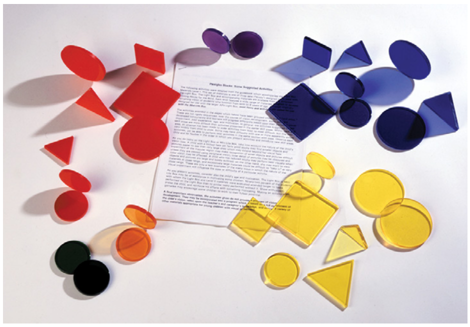
1-08664-00 $95.00



Plexiglas Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

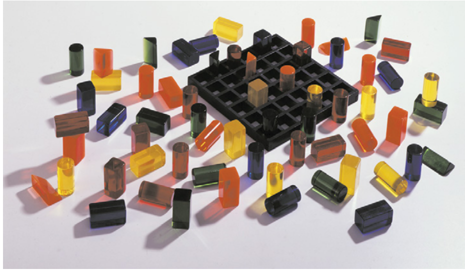
1-08663-00 $59.53



Pegs and Pegboard CVI

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

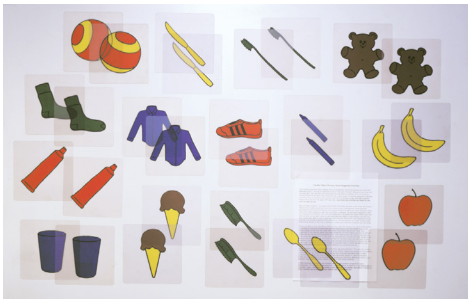
1-08665-00 $179.00



Familiar Object Pictures CVI

Colored transparent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

1-08666-00 $98.54



Colored Shape Cards

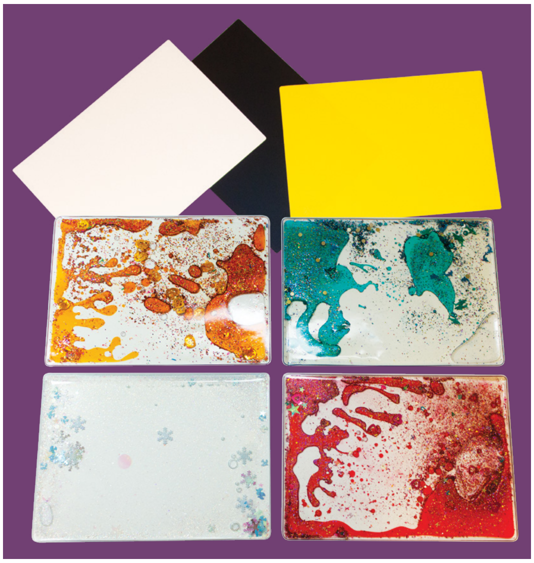
Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

1-08667-00 $54.00

Swirly Mats UEB ⚠

Durable, non-toxic Swirly Mats come in two sets, each sold separately: CVI and Functional Vision Assessment (FVA). The mats are useful for conducting FVA. All mats can be used for locating, tracking, color discrimination, etc. Try them with APH's LED Mini-Lite Box (sold separately) for a different effect. Each set includes assorted background mats, print and braille instructions, and a carrying case.

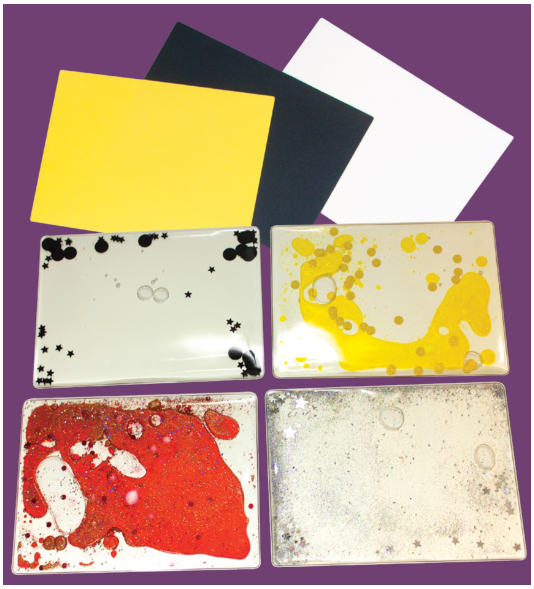
Note: Always provide adult supervision when using Swirly Mats with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.



Swirly Mats-FVA

FVA mats come in pink and clear with color disks, green and clear with silver heart confetti, scarlet, turquoise, and orange.

1-08166-00 $165.00

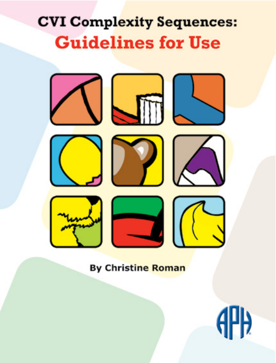


Swirly Mats-CVI CVI

CVI – CVI mats come in red and clear, yellow and clear, black, and red with confetti and glitter

1-08165-00 $155.00

CVI Complexity Sequences Kit

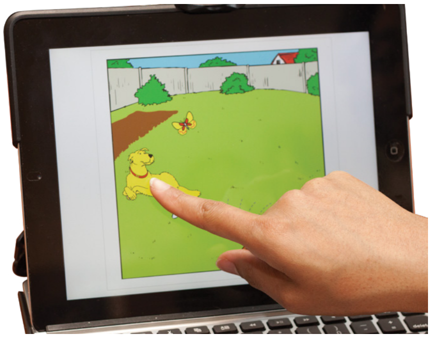


Includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Recommended grades: Preschool and up.

1-08156-00 $78.54

CVI Complexity Sequences App



The CVI Complexity Sequences App comprises ten sets of target images and corresponding background scenes. The app retains the audio response feature originally introduced in the eBook version and now allows the instructor to move a target image anywhere within the background. The scenes presented in the app include sequences of images designed to help students identify a target image in the presence of increasing visual complexity.

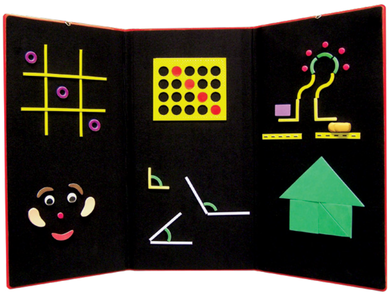
FREE

Invisiboard

Invisiboard

Block out distractions for students with CVI. This portable, lightweight 48 x 30 inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, hook-and-loop material on the other. Includes carrying case and print/braille manual.

1-08541-00 $169.11



Note: Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.

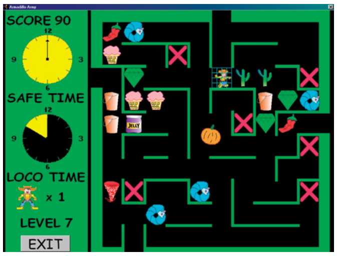
Tri-Fold Board CVI

This board measures 37 x 24 inches and is covered with hook-and-loop material that can be used in combination with many existing APH hook-and-loop material-backed pieces, as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

1-08859-00 $76.00

APH Software for Windows System Requirements

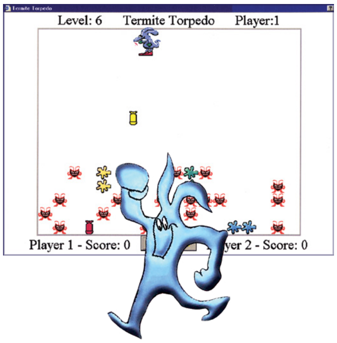
Requirements to run: PC running Windows 7 or later. Software requires a sound card and speakers.



Armadillo Army™

The game has bright, large graphics, as well as meaningful sound elements. Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination.

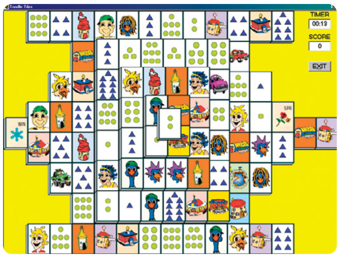
Digital Download
D-03400-ED $39.00



Termite Torpedo™

An educational game that gives students with low vision practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

Digital Download
D-03470-ED $39.00



Toodle Tiles™: Emmy's Town

Based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets

Digital Download
D-00300-ED $39.00

Orientation and Mobility

Tactile Town
3-D O&M Kit
Braillable
Labels and Sheets
File Folders
Use in the Classroom
Charts
books
Kim
Ken
Mia
Tom
bank
store
Oak
1st
Main
park
NW
NE
SW
E
W
SW
S
NE
SE
N
NW
SE
Stu
Sam
Lea
Jan
2nd
3rd
4th
entrance
monkeys
exit
snacks
seals
lions
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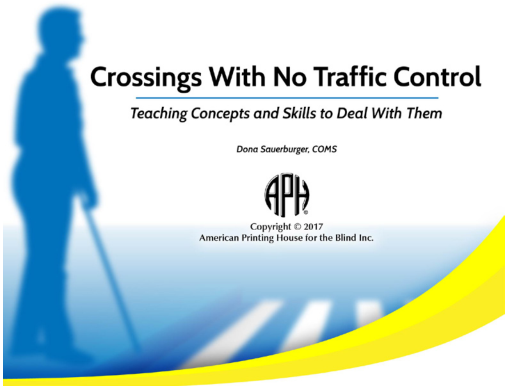

Crossings With No Traffic Control
Teaching Concepts and Skills to Deal With Them
Dona Sauerburger, COMS
APH
Copyright © 2017
American Printing House for the Blind Inc.

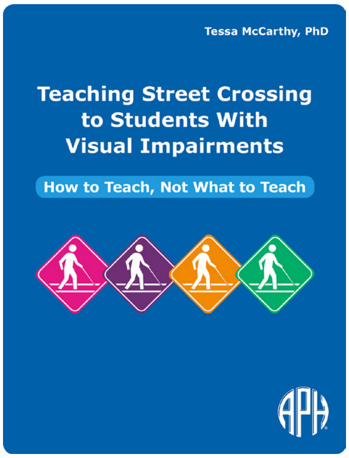
Crossings With No Traffic Control

This software provides simulation experiences and information that help instructors teach students to analyze situations at street crossings where there is no traffic control, including recognizing when they don't have enough warning of approaching vehicles ("Situations of Uncertainty").

Note: This software runs only on Microsoft Windows compatible operating systems and devices.

Important Liability Notice: APH and author Dona Sauerburger, COMS, offer O&M Specialists this product to help students learn the concepts and skills necessary to analyze and negotiate crossings that have no traffic control. Before using this product with students, instructors must read the first section in Chapter One: How to Use this Product.

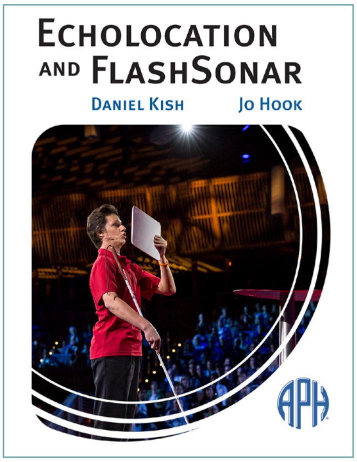
1-18988-00 $62.00


Tessa McCarthy, PhD
Teaching Street Crossing to Students With Visual Impairments
How to Teach, Not What to Teach
APH

Teaching Street Crossing to Students With Visual Impairments

This book provides information about teaching various components of street-crossing skills at appropriate ages/ developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

8-75978-00 $27.00


ECHOLOCATION AND FLASHSONAR
DANIEL KISH
JO HOOK
APH

Echolocation and FlashSonar ⚠

This large print guidebook, written by Daniel Kish and Jo Hook, provides instructional strategies for teaching use of echolocation as a method of gaining information about space and objects/environmental features in the world around them.

Warning: FlashSonar skills should be used along with a human guide, dog guide, or cane.

8-75975-00 $77.00

Tactile Town: 3-D O&M Kit CVI ⚠ PARTS

Tactile Town provides an interactive, 3D model to help teach spatial concepts and environmental layouts, and reinforcement of cognitive mapping skills.

Recommended ages: Five years and up.

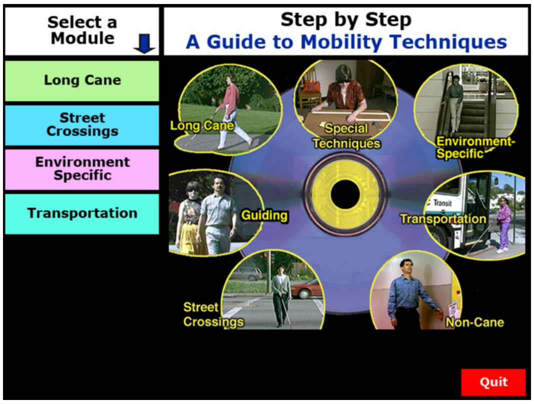
1-03135-00 $551.00

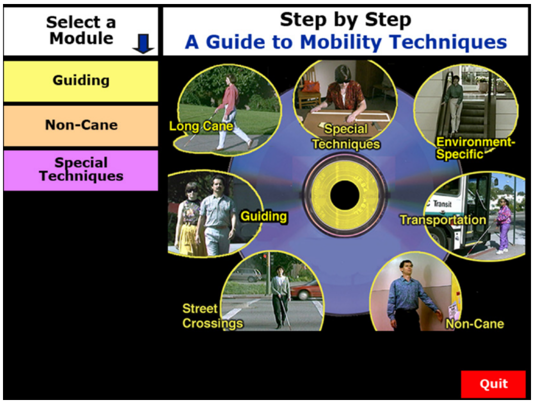
O&M Trivia

Available as a Skill for Amazon Alexa, O&M s covers a variety of topics including cardinal directions, cane techniques, and landmarks. The virtual assistant makes this content accessible in the home, classroom, or on the go!

Alexa Skill
D-03480-AS FREE

SBS 2Ed Pt 1
SBS 2Ed Pt 2


Select a Module
Long Cane
Street Crossings
Environment Specific
Transportation
Step by Step
A Guide to Mobility Techniques
Long Cane
Special Techniques
Environment-Specific
Guiding
Transportation
Street Crossings
Non-Cane
Quit


Select a Module
Guiding
Non-Cane
Special Techniques
Step by Step
A Guide to Mobility Techniques
Long Cane
Special Techniques
Environment-Specific
Guiding
Transportation
Street Crossings
Non-Cane
Quit

Step-By-Step 2nd Edition

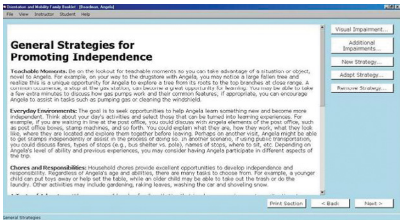
This updated edition of the popular Step-By-Step curriculum for teaching future O&M specialists, teachers of low vision, and living skills instructors includes new techniques and information, all available digitally in the form of two flash drives! Part 1 includes interactive videos and Study and Review Guides for Guiding, Non-Cane, and Special Techniques. Part 2 includes the interactive videos and Study and Review Guides for: Long Cane Techniques, Street Crossing Techniques, Transportation Techniques, and Environment Specific Techniques. Parts 1 and 2 also include the Introduction & Appendices, User Guide for Flash Drive Videos, and the Prerequisite Matrix.

Part 1	Part 2
8-75981-00 $15.00	**8-75982-00** $15.00

O&M Family Booklet Software

O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

Digital Download
D-03480-ED $50.00



Orientation and Mobility Family Booklet - [Boardman, Angela]
File View Instructor Student Help
Visual Impairment...
Additional Impairments...
New Strategy...
Adapt Strategy...
Remove Strategy...
Print Section
< Back
Next >
General Strategies

General Strategies for Promoting Independence

Teachable Moments. Be on the lookout for teachable moments so you can take advantage of a situation or object, novel to Angela. For example, on your way to the drugstore with Angela, you may notice a large fallen tree and realize this is a unique opportunity for Angela to explore a tree from its roots to the top branches at close range. A common occurrence, a stop at the gas station, can become a great opportunity for learning. You may be able to take a few extra minutes to discuss how gas pumps work and their common features; if appropriate, you can encourage Angela to assist in tasks such as pumping gas or cleaning the windshield.

Everyday Environments: The goal is to seek opportunities to help Angela learn something new and become more independent. Think about your day's activities and select those that can be turned into learning experiences. For example, if you are waiting in line at the post office, you could discuss with Angela elements of the post office, such as post office boxes, stamp machines, and so forth. You could explain what they are, how they work, what they look like, where they are located and explore them together before leaving. Perhaps on another visit, Angela might be able to get stamps independently or assist in the process of doing so. In another scenario, if using public transportation, you could discuss fares, types of stops (e.g., bus shelter vs. pole), names of stops, where to sit, etc. Depending on Angela's level of ability and previous experiences, you may consider having Angela participate in different aspects of the trip.

Chores and Responsibilities: Household chores provide excellent opportunities to develop independence and responsibility. Regardless of Angela's age and abilities, there are many tasks to choose from. For example, a younger child can put toys away or help set the table, while an older child may be able to take out the trash or do the laundry. Other activities may include gardening, raking leaves, washing the car and shoveling snow.

Orientation & Mobility for Wheelchair Users With Visual Impairment or Blindness

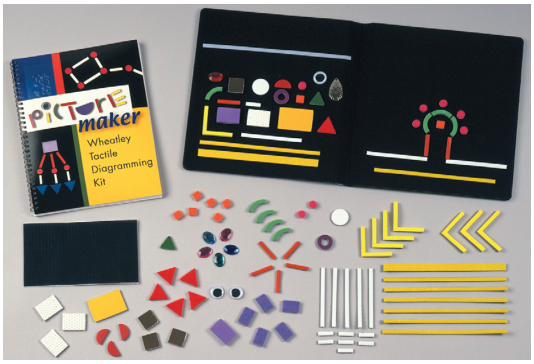
This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively. It shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. Needs an internet connection, works on Windows and Mac® operating systems, and iOS devices.

Note: This online publication cannot be ordered directly using the APH shopping site. Please contact APH Customer Service.
D-03490-ED $4.99

One of over 190 video clips: Boarding a train when using a scooter

Picture Maker

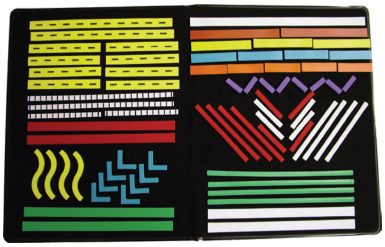
These picture-making kits can be used for numerous educational and recreational activities! Use optional products for more possibilities.



Picture Maker: Wheatley Tactile Diagramming Kit CVI ⚠

This fun, colorful tactile board includes a felt covered board measuring 20 3/4 x 13 inches, and a wide variety of hook-and-loop material-backed pieces thats attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra hook-and-loop material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

1-08838-00 $96.10

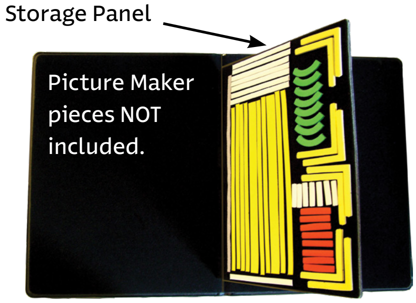


Picture Maker felt board NOT included with Textured Strips.

Textured Strips CVI ⚠

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

1-08838-02 $112.00

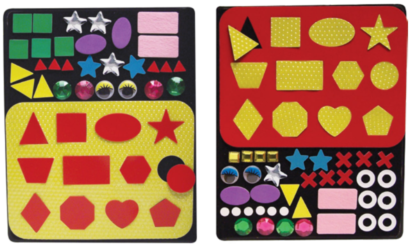


Picture Maker pieces NOT included.

Storage Panel CVI ⚠

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black hook-and-loop material, 3-hole punched edge, and customer-applied hook-and-loop material tabs.

1-08838-03 $22.77



Some parts you receive may vary slightly from those depicted in photos. Felt board is NOT included.

Geometric Textured Shapes CVI ⚠

Provides additional hook-and-loop material-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Board (Magnetic/Hook-and-Loop Material/Dry Erase).

1-08838-01 $85.76

Access Technology

ON
OFF
FEED
MENU
HELP
OK
CHS
1
10
Page Blaster
APH

Adaptable Stick Switch 159
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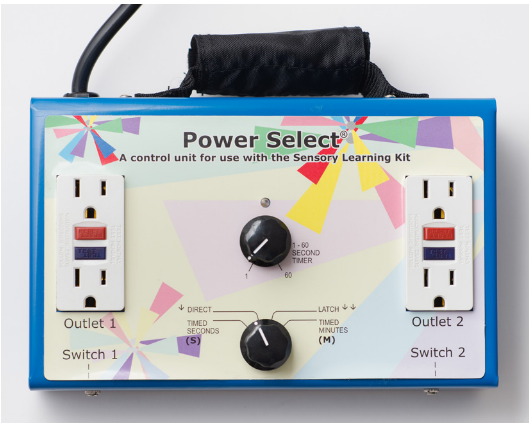
Submersible Audio Light Sensor (SALS)

SALS can be used in the air and in liquids to detect differences between light and dark-colored objects. The device will alert the user to a change in an experimental feature, such as the formation of a precipitate in a test tube, which would decrease light within.

1-03995-00 $53.00


Power Select®
A control unit for use with the Sensory Learning Kit
1 - 60 SECOND TIMER
1
60
DIRECT
TIMED SECONDS
(S)
LATCH
TIMED MINUTES
(M)
Outlet 1
Switch 1
Outlet 2
Switch 2

Power Select

This environmental control unit enables individuals to control electrical and battery-operated toys, appliances, and devices with an AC adapter source. It includes features that make it useful for individuals with severe motor disabilities and cognitive impairments, such as four modes of control to meet the user's needs: direct, latch, timed seconds, and timed minutes. Additionally, the device has a low slanting profile to allow easy accessibility, rounded corners for safety, and a wrap-around carrying handle with a hook and loop closure to store the power cord.

NOTE: The Power Select is designed for 110-130 VAC only. Use of adapters for 220 systems is not recommended.

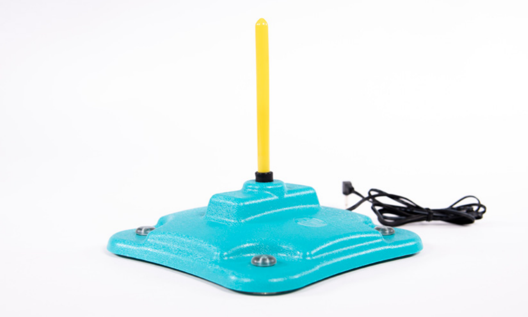
1-08612-00 $155.00

Select Switch

Designed for use in educational and daily living applications, the Select Switch is a combination battery-operated environmental control unit and switch for individuals with severe motor disabilities and cognitive impairments. Various function control features enable users to communicate and control battery operated appliances, toys, and devices. Requires four AAA batteries (not included).

1-08617-00 $117.84

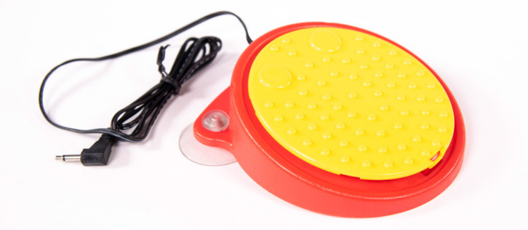
Adaptable Stick Switch*



The Adaptable Stick Switch features suction cup feet which holds it in place on smooth surfaces in addition to a rubber gasket at the base which allows it to be tilted 360 degrees.

1-08615-00 $12.22

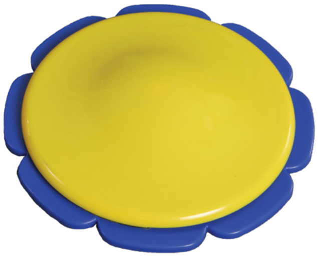
Adaptable Tactile Switch*



This switch features a bumpy plate and two interchangeable smooth plates for tactile preference and choice-making activities.

1-08614-00 $15.00

Scallop Switch*

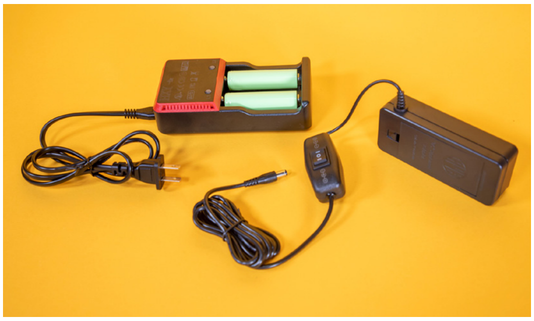


Users with little movement and strength can depress the edges of the floating top plate to activate switch-adapted battery powered toys and devices.

1-08613-00 $35.00

***Note:** Each of APH standard switches above partners well with the APH Power Select to activate AC-powered appliances and toys. Switch introduction is described in the Routines chapter of APH's *Sensing and Learning*.

DC Supplement Adapter



This battery powered, dual-polarity output adapter enables users to operate DC-powered devices with the APH Select Switch and other APH standard switches.

1-08618-00 $65.00

Vibrating Pad with Adapter PARTS

This switch-operated pad vibrates on demand when connected to the Power Select and any APH switches. For a DC option, connect the Vibrating Pad to APH's DC Supplement Adapter paired with our Select Switch. Switch introduction is described in the Routines chapter of APH's *Sensing and Learning*. The Vibrating Pad is primarily used in tactual proprioception routines.

1-08616-00 $75.27

Turbo Portable Fan with Adapter

This versatile switch-adapted fan with USB/AC adapter operates using AC or DC. Use it with APH's Power Select paired with any of our standard switches or with APH's Select Switch paired with our DC Supplement Adapter. Switch introduction is described in the Routines chapter of APH's *Sensing and Learning*. Sensorimotor learners typically use the fan in tactual proprioception routines, but expansion activities can produce auditory feedback.

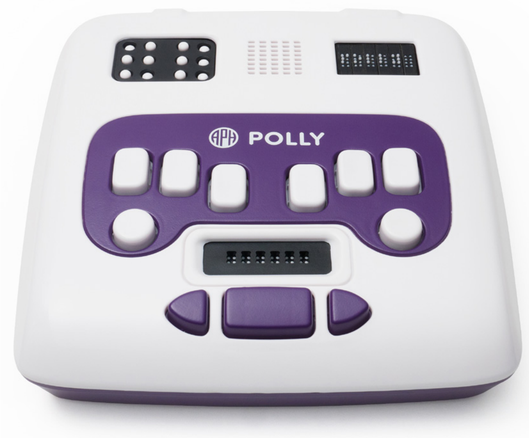
1-08619-00 $30.00

Variable Beam Flashlight Kit ⚠ PARTS

Designed to help students develop visual awareness and tracking skills. Kit includes: Instructions and activities, two variable beam flashlights, two sets of five translucent and four transparent color lenses, *Color Beam Book*, and AAA batteries.

1-08390-02 $66.00

Polly

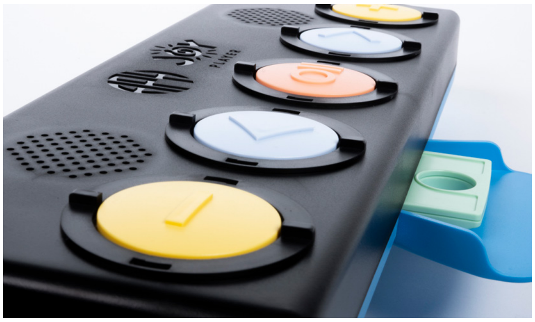


Created in partnership with ThinkerBell Labs, Polly is an electronic Wi-Fi enabled braille learning device that teaches reading, typing, writing, vocabulary, and spelling in both contracted and uncontracted braille using a gamified approach. With immediate feedback, incorporation of music, and competitive games, Polly makes learning braille more fun and interactive than ever.

The device also connects to an online teaching portal, Helios, where instructors can create individualized Spelling/Vocabulary lessons and customize the lesson order for student's learning needs- allowing Polly to be used as a supplementary tool for any braille curriculum.

1-08490-00 $999

Joy Player



This easy-to-load, switch-activated music player allows individuals who are developing fine motor skills, have limited mobility, or a cognitive disability (in addition to a visual impairment) to access music and audio books. Designed to be used with the personal music player routine in APH's Sensing and Learning.

Ships with five DTB cartridges

Recommended ages: Three years and up.

Note: Now available for free on the APH Tactile Graphics Image Library (TGIL): 1) Button switch caps for use on tactile communication cards and 2) The Joy Player Cartridge Holder!

Available in two versions, the slide closure and screw closure allow the user to insert the cartridge into the Joy Player using a fist of fingers and provides a vertical ledge to grasp and pull with the whole hand. The cut outs in the ledge accommodate pull straps (not included). The files to 3-D print this assistive device are available for free on APH'S TGIL.

1-07089-00 $349.00

Embossers

PageBlaster ▶ PARTS

APH has partnered with HumanWare to bring an embosser to Quota. Meet PageBlaster, a powerful braille embosser for continuous fanfold paper.

The tractor-fed design provides smooth paper handling and produces double-sided interpoint braille. Use PageBlaster to emboss PRN files from APH's Tactile Graphics Image Library or create your own using the included Firebird tactile graphics software.

Note: The APH website contains detailed and thorough embosser set-up and other training tutorial videos to help make using your embosser in the classroom or at home as easy and efficient as possible. Helpful FAQ's and a link to purchase an optional acoustic hood to reduce noise can also be found on the website.

Please refer to page 199 for information about a purchasable extended warranty.

Developed in partnership with *View Plus*.

1-08075-00 $4,295.00

PixBlaster ▶

Developed in partnership with View Plus, PixBlaster easily produces double-sided interpoint braille with smooth, rounded dots for improved readability along with industry-leading, high-quality tactile graphics with seven variable dot heights for color representation. Connect to WiFi to translate and emboss documents on the fly from your computer or mobile device using the included PIXie box.

Note: The APH website contains detailed and thorough embosser set-up and other training tutorial videos to help make using your embosser in the classroom or at home as easy and efficient as possible. Helpful FAQ's and a link to register for a product warranty and a TSS activation number can also be found on the website.

1-08070-00 $4,295.00

Mantis Q40 UEB PARTS ▶

Keep braille at your fingertips anytime, anywhere, with the Mantis Q40: a full-sized Bluetooth, QWERTY keyboard, and 40-cell refreshable braille display.

No longer choose between a keyboard or a braille device – while typing on the Mantis, the refreshable braille below the keyboard provides a multimodal braille complement to the screen reader. The Mantis supports multiple languages and braille codes including English, Spanish, and French.

Contains the following built-in applications:

- Basic editor to function as a user's pen and paper
- Create and edit files in print while reading them in braille
- Supports .doc, .docx, .txt, .brf, and .brl files
- Library to read. brf, .brl, .pef, .html, .doc, .docx, .rtf, DAISY, and .pdf

Compatible with:

- Windows 8 and above using JAWS® 18+ screen reading software, NVDA®, and Narrator
- MacOS® 10.15+ Catalina and iOS 13.3+

Please refer to page 199 for information about purchasable extended warranties.

1-08470-00 $2,145.00

Chameleon 20 UEB ▶

Now featuring Text-to-Speech to further encourage and support early braille literacy!

Developed specifically for education, with teachers and school-age children in mind; the Chameleon 20 enhances the classroom experience through innovation with a fun, positive technology experience that reinforces the joys of reading and writing. This sleek, 20-cell refreshable braille display with a Perkins-style keyboard connects to multiple devices via Bluetooth, and includes an editor, book reader, calculator, clock, and file manager.

Note: For international orders, please contact our partner, HumanWare.

Please refer to page 199 for information about purchasable extended warranties.

1-08471-00 $1,392.00

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

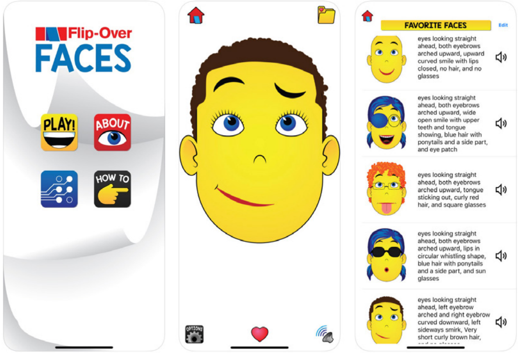
PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

▶ YouTube

Product videos available on APH's YouTube Channel. youtube.com/user/aphftb

Flip-Over FACES App



eyes looking straight ahead, both eyebrows arched upward, upward curved smile with lips closed, no hair, and no glasses

eyes looking straight ahead, both eyebrows arched upward, wide open smile with upper teeth and tongue showing, blue hair with ponytails and a side part, and eye patch

eyes looking straight ahead, both eyebrows arched upward, tongue sticking out, curly red hair, and square glasses

eyes looking straight ahead, both eyebrows arched upward, lips in circular whistling shape, blue hair with ponytails and a side part, and sun glasses

eyes looking straight ahead, left eyebrow arched and right eyebrow curved downward, left sideways smirk, Very short curly brown hair,

This app enables a child to casually explore facial expressions within a fun and versatile context. Designed for students with low vision and a cognitive level of five years of age or older, Flip-Over FACES can also be used with students with additional disabilities, such as autism and language delays. How-to instructions, with or without VoiceOver/TalkBack, are also available.

Available from the App Store:
apps.apple.com/us/app/flip-over-faces/id1303703530

D-30050-AN FREE

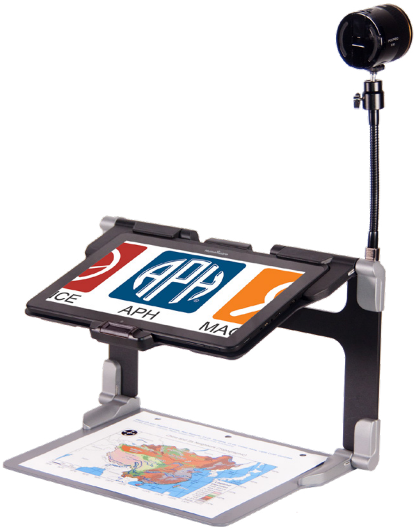
Available from the Google Play Store:
apps.apple.com/us/app/flip-over-faces/id1303703530

D-30050-AP FREE

MATT Connect V2.1

The MATT Connect V2.1 is a compact, all-in-one magnifier and distance-viewer with an upgraded educational Android tablet that comes with pre-installed APH Android apps, enhanced accessibility, longer battery life, quicker start up times, and more.

1-03943-00 $3,895



MATT Connect Replacement Android 12 Tablet

The MATT Connect Replacement Android 12 Tablet will upgrade any first-generation MATT Connect to the current MATT Connect V2.1 technology. Upgrading your operating system to Android 12 will result in the ability to run the latest apps, including the pre-installed APH Android apps, enhanced accessibility, longer battery life, quicker start up times, and a dark theme.

1-03944-00 $1,495

Humanware
APH
S
APH
MAC

Jupiter

Portable Magnifier

Whether it's in the classroom, workplace, or at home - this powerful HD magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education. This easy-to-use, yet powerful magnifier features reading, distance, and self-view modes with over 30 contrasting colors, an LED screen, and much more!

1-00370-00 $3,599.00

Power Supply

Replacement power supply for the Jupiter Portable Magnifier.

1-00372-00 $52.00

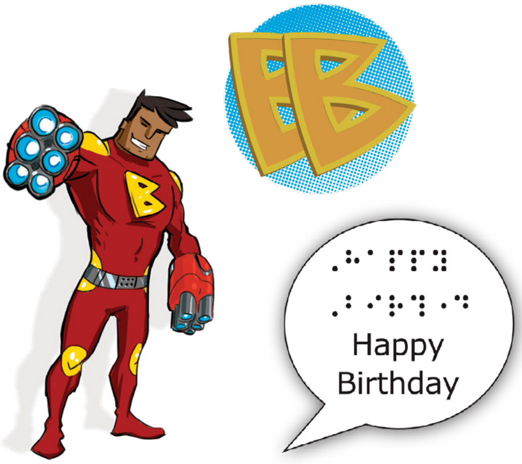
BrailleBlaster UEB

BrailleBlaster has been completely redesigned and simplified to make it easier than ever to make braille documents for the classroom.

Compatible with Windows, Mac, and Linux®. Opens NIMAS XML, EPUB, HTML, DOCX, and TXT files. Save your braille as a BRF or emboss it as needed.

Download from: brailleblaster.org

FREE



Braille Badges UEB

APH Braille Badges are for iMessage®! This fun, accessible sticker pack is great for sharing.

Available from the App Store: itunes.apple.com/us/app/braille-badges/id1173603989?ls=1&mt=8

FREE

JAWS and ZoomText Annual Student License

APH and Vispero® partnered to make the world's most popular screen reader (JAWS) and screen magnifier (ZoomText®) software available to APH customers with the convenience of APH Customer Support!

Using the new Software License Portal, teachers and administrators can manage their licenses and move them between computers. Licenses are registered directly to an email address. Software can be installed on all versions of Windows 10 and 11.

JAWS (Job Access with Speech)

With each JAWS annual subscription, students can easily navigate, read and write documents, and create presentations from their school PC or from home. JAWS provides speech and braille output for the most popular computer applications.

D-11002-ED $99.00

ZoomText

With each ZoomText annual subscription, students with low vision can enlarge and enhance everything on their computer screen. ZoomText also echoes your typing and essential program activity, and automatically reads documents, web pages, and email.

D-11003-ED $89.00

Digital Talking Book Cartridge

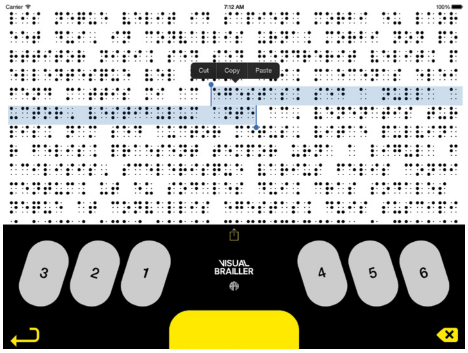
This 4GB blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players and the APH Joy Player. Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books. Connect the Joy Player's USB cable (included) to download WAV and MP3 files.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label.

For more information about NLS digital talking books, loc.gov/nls/digital.html

Non-Quota

1-02609-00 $14.00



Visual Brailler

Visual Brailler™ is a braillewriter app for your iPad. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work. Visual Brailler supports any code you wish to use, because it makes no assumptions about what you are writing.

Visual Brailler also works with Bluetooth refreshable braille displays with keyboards.

Available from the App Store:

FREE

Book Wizard Reader and Producer Software

Book Wizard™ Reader lets you read a wide variety of types of digital talking books.

Book Wizard Producer has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.

Book Wizard Reader	**Book Wizard Producer**
Digital Download	**Digital Download**
D-03531-ED $39.00	**D-03530-ED** $149.00

Career Education and Transition

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Search Type:

Jump To Section:

AT SCHOOL OR HOME

esson 1: Explore plastic food storage bags.

esson 2: Measure liquids

esson 3: Estimate serving sizes

esson 4: Label cans

Quick and Easy Expanded Core Curriculum App ◆◆◆◆◆◆◆◆◆◆ 169

Transition Tote System Backpack ◆◆◆◆◆◆◆◆◆ 170

JAWS and ZoomText ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ 167

Talking Typer ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ 102

Typer Online ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ 185

Career Education and Transition Related Products

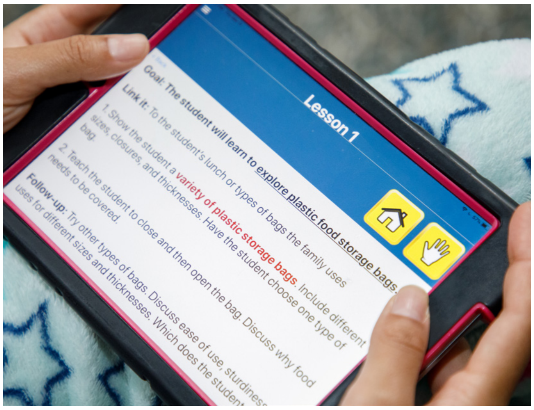
Feel ’n Peel Products ◆◆◆◆◆◆◆◆◆◆◆◆◆◆ 110-111

Quick and Easy Expanded Core Curriculum App

The Quick and Easy Expanded Core Curriculum (ECC) app is designed for transition students who are low vision. The included lessons address the most common gaps found within this population and require little time, expertise, or equipment to implement by the educational team and family members. The lessons, categorized by setting, category, needed items, and ECC area addressed, are designed to be completed in five to fifteen minutes. Examples of ECC lessons introduced in the app include planning a menu, practicing conversation, reading nutrition labels, and much more!

Note: These lessons are not designed to replace a comprehensive program addressing the ECC.

Available for free download from the Google Play and App Stores: **D-30038-AP**


Lesson 1

< Back

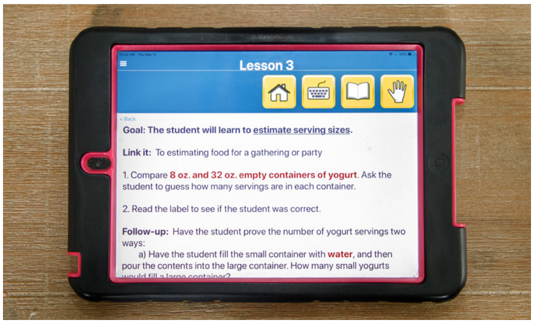
Goal: The student will learn to explore plastic food storage bags.

Link it: To the student's lunch or types of bags the family uses

1. Show the student a variety of plastic storage bags. Include different sizes, closures, and thicknesses. Have the student choose one type of bag.

2. Teach the student to close and then open the bag. Discuss why food needs to be covered.

Follow-up: Try other types of bags. Discuss ease of use, sturdiness uses for different sizes and thicknesses. Which does the student


Lesson 3

< Back

Goal: The student will learn to estimate serving sizes.

Link it: To estimating food for a gathering or party

1. Compare **8 oz. and 32 oz. empty containers of yogurt**. Ask the student to guess how many servings are in each container.

2. Read the label to see if the student was correct.

Follow-up: Have the student prove the number of yogurt servings two ways:

a) Have the student fill the small container with **water**, and then pour the contents into the large container. How many small yogurts

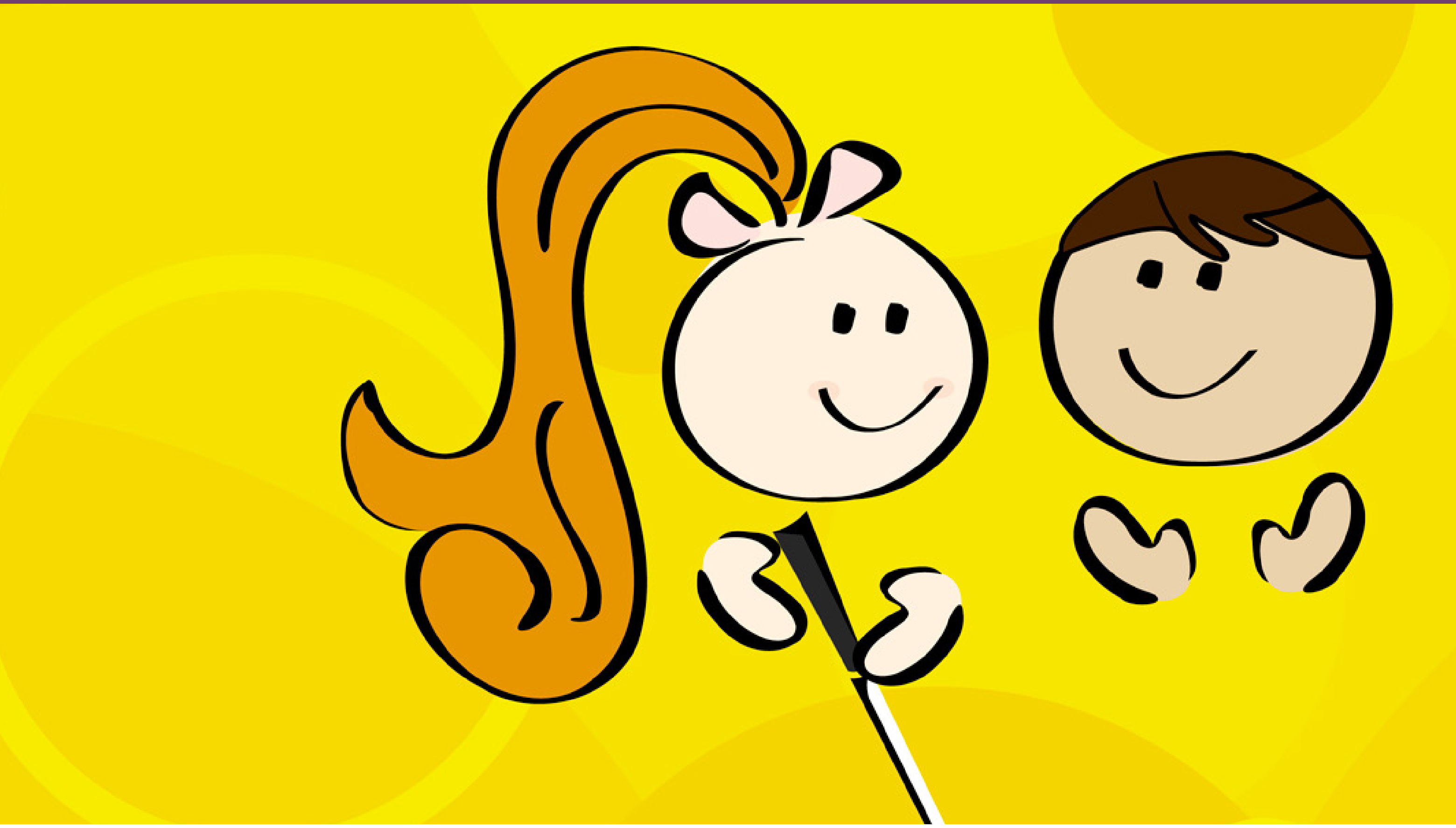
Transition Tote System Backpack

This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition and vision rehabilitation programs, and into the adult world.

Features

- Key ring attached by hook-and-loop fastener
- Three pen/marker/stylus holders
- Slate/magnifier pocket
- Zippered change pocket
- Cell phone/PDA pocket with hook-and-loop closure
- Back padded compartment with adjustable hook-and-loop strap protects a laptop or similar device
- Back panel with pockets for storing media
- Front panel with three padded pockets for electronic items

1-08211-00 $68.00



Getting to Know You 171

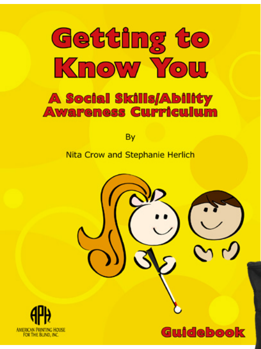
Self-Determination Related Products

Quick and Easy Expanded Core Curriculum App 169
Sensing and Learning 46

Getting To Know You ⚠ PARTS

The Getting to Know You curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school, and is designed for TVIs, O&M specialists, other related service personnel, general education teachers, and families. Lessons take 30–45 minutes to complete. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities.

1-08052-00 $306.73


Getting to Know You
A Social Skills/Ability Awareness Curriculum
By
Nita Crow and Stephanie Herlich
APH
Guidebook

INNOVATION
by
APH

Kit also includes the APH Innovations Tote Bag

Daily Living and Social Interaction

Name
Address
City, St
DATE
$
DOLLARS
FOR

APH Signature Guide 176
Color Star 173
Deafblind Pocket Communicator 173
Functional Skills Assessment 174
Keitzer Check Writing Guide 176
Labeling, Marking, and Organization 177
MiniBook Braille Quick-Note Products 175
Push Button Padlock 176
Tactile Clothing Tape 175

Daily Living and Social Interaction Related Products

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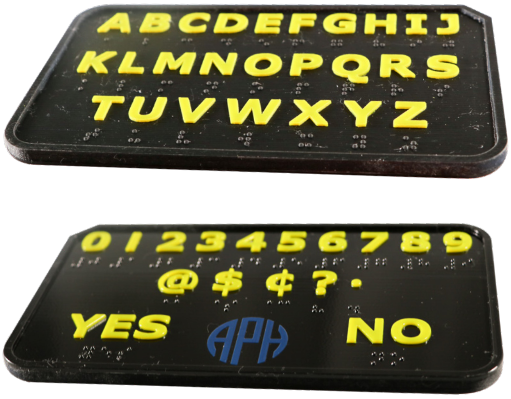
Braille Badges 166
Braille Binders, Folders, Notebooks, Mailing Envelopes 129-134
Feel 'n Peel Products 110-111
Flip-Over FACES App 165
Getting to Know You 171
Reading Stands 118
Transition Tote Backpack 170
Video Mag HD 138

Color Star

Color Star is a powerful color identifier. It recognizes more than 1,000 different color shades, identifies contrast measurements, recognizes the color of LED lights, perceives the light intensity in the surrounding environment, and recognizes patterns – all with clear spoken voice output.

1-03952-00 $611.00

DeafBlind Pocket Communicator (DBPC)



Durable, washable, and easily fits in your pocket or bag. The breakaway lanyard option gives you quick access. The DeafBlind Pocket Communicator is two-sided. The smooth side for numbers and the matte side for letters lets you know at first touch which side you need to use to chat with someone.

Communication cards can be helpful when using the DBPC with people at a coffee shop or in a store. Sample messages might include: “How much does this cost?” or “Use my finger to show me the answers on this device.” Feel free to design your own communication cards to meet your unique needs.

1-16999-00 $18.35

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner’s needs.

⚠ Safety Warnings

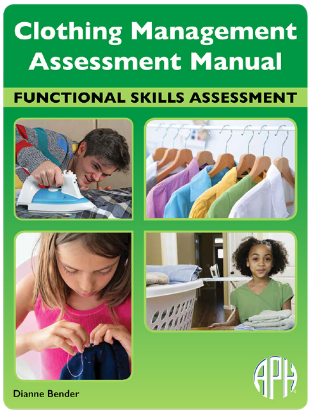
Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

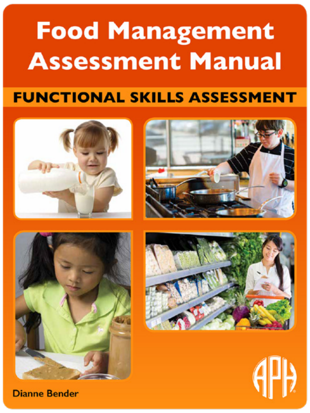
PARTS Replacement and Optional Parts Available

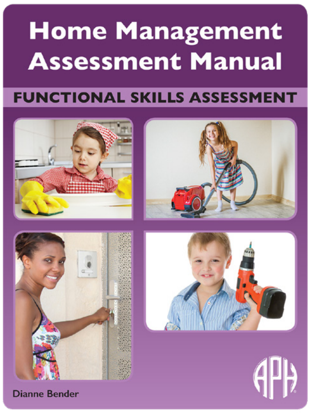
Products with this icon have available replacement parts. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

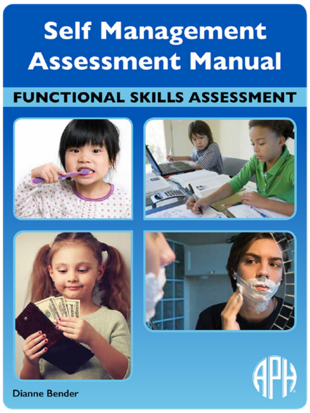
▶ YouTube

Product videos available on APH’s YouTube Channel. youtube.com/user/aphftb


Clothing Management Assessment Manual
FUNCTIONAL SKILLS ASSESSMENT
Dianne Bender
APH


Food Management Assessment Manual
FUNCTIONAL SKILLS ASSESSMENT
Dianne Bender
APH


Home Management Assessment Manual
FUNCTIONAL SKILLS ASSESSMENT
Dianne Bender
APH


Self Management Assessment Manual
FUNCTIONAL SKILLS ASSESSMENT
Dianne Bender
APH

Functional Skills Assessment

The Functional Skills Assessment (FSA) is a tool used to evaluate daily living skills for students at all levels. Broken into modules, FSA covers a number of skills within four facets of independent living: Clothing, Food, Home, and Self Management. Online scoring pages are available at funcsk.aphtech.org. Users can unlock the forms using a code published inside the manuals.

Student Assignment files are provided online in both .brf and .docx formats. Assessment Manuals are also provided online as .brf files.

Recommended grades: Grades K–12.

Clothing

The Clothing Management module covers clothing storage, laundering, sewing, and more.

Print Manual
7-08232-01 $59.00

Print Scoring Book
7-08233-00 $68.00

Braille Manual
5-08232-01 FREE Download

Food

The Food Management Assessment module covers cooking tools and utensils, menu planning, food preparation, and more.

Print Manual
7-08232-02 $87.00

Print Scoring Book
7-08234-00 $75.00

Braille Manual
5-08232-02 FREE Download

Home

The Home Management Assessment module covers organizing surfaces and materials, household chores, home safety practices, and more.

Print Manual
7-08232-03 $48.00

Print Scoring Book
7-08235-00 $52.00

Braille Manual
5-08232-03 FREE Download

Self

The Self Management Assessment module covers grooming, social skills, consumer skills, and more.

Print Manual
7-08232-04 $57.00

Print Scoring Book
7-08236-00 $58.00

Braille Manual
5-08232-04 FREE Download

Minibook Braille Quick-Note Products

Helps braille users jot notes quickly!

- MiniBook Slate with Styluses: This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- Mini Spiral Notebook (2-pk): The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!

Minibook Slate With Styluses
1-07850-00 $17.00

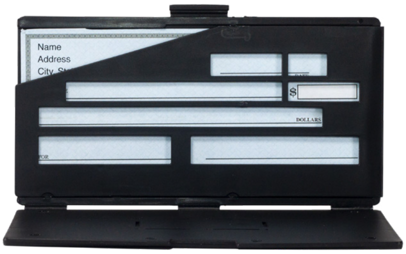
Mini Spiral Notebook
1-07853-00 $6.00

Tactile Clothing Tape ⚠

Enables braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

Warning: This product contains safety pins. DO NOT use with children under 12 years unless directly supervised.

1-07420-00 $42.77



Keitzer Check Writing Guide

A flexible, durable, polyethylene guide that will hold any standard check. A slant is located at the upper left corner for orientation. This guide allows you to feel the locations of the various blanks on a standard sized check and write in the correct areas.

The closed guide measures 3 1/2 x 6 1/4 inches and easily fits in a shirt pocket or purse. It works with checks that are standard size and have a standard layout.

1-03528-VET Call about our special offer for veterans.

APH Signature Guide

This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters. Guide is made of aluminum with a rubber backing to prevent sliding.

Recommended ages: Eight years and up.
1-03530-01 $18.00

Push Button Padlock UEB

Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key.

Non-Quota

1-03990-01 $30.00

Labeling, Marking, and Organization: A Self-Help Guide for Persons After Vision Loss

Olives
Labeling, Marking, and Organization
A Self-Help Guide For Persons After Vision Loss – Volume 1 of 3
Volume 2 of 3
Volume 3 of 3
Liss-Anne Mowerson and Terrie (Mary T.) Terlau
APH

If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then Labeling, Marking, and Organization may be the book you need! It contains practice activities that help you develop new ways to identify items with labels you can no longer read.

Recommended ages: 14 years and up.

Large Print
7-08870-00 $69.00

Get Creative!

Enter APH InSights Art Annual Juried Art Competition and Exhibition!

Each year APH sponsors a juried art competition and exhibition designed **exclusively for artists of all ages who are blind or low vision.** Works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories.

Submissions to APH InSights Art may include sculpture, pottery, weaving, photographs, prints, paintings, mixed media, and collage.

To enter, contact the Special Programs Manager, insights@aph.org
APH has created a calendar featuring artwork from APH InSights, see page 19

Recreation and Leisure

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Post-it

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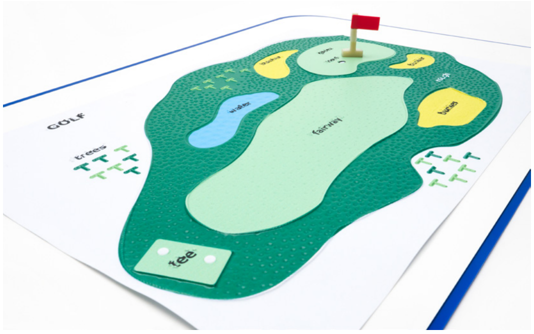
SPORTS COURTS N UEB ⚠ PARTS

SPORTS COURTS is a one-of-a-kind, instructional kit designed to familiarize students who are blind or low vision with a variety of sports and to encourage participation in athletics. The 16 tactile layouts in SPORTS COURTS provide a snapshot of the entire court/field that can be challenging to comprehend by verbal description alone. The accompanying magnetic-backed 3-D pieces enhance learning by allowing interactive setups and demonstration of player positions and movements, as well as critical features such as nets or goal posts.

1-08109-00 $729.00

SPORTS
COURTS



Nazca Double Spiral

Finger Walks

This diverse collection of finger labyrinths invites you to focus your mind's eye as you concentrate on traversing their twists and turns. The tactile patterns in these finger labyrinths assist in developing a sense of touch, clearing and settling the mind, and experiencing calming and rhythmic movements.

This collection features:

- Designs that span over 4,000 years and five continents
- Different shapes and path widths that require varying amounts of concentration to complete
- Paths that are angular and round that allow for broad sweeping movements, as well as sharp and quick changes in direction

1-02850-00 $158.72

Color Raceway Kit

Color Raceway utilizes the characteristics of color, movement, and low to high complexity, encouraging players to use their vision in a functional and fun way. Use this game to increase orientation and mobility skills, color awareness, and positive social interaction skills (sharing, taking turns with others).

Teachers and parents may use Color Raceway's kit of accessories to design an individual game board for each player, building upon players' individual strengths and assisting parents/teachers in understanding the level of materials with which players are most successful.

1-08461-00 $144.58

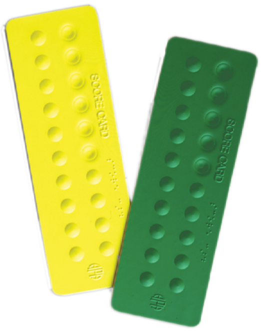
Hop-A-Dot Mat UEB PARTS

Hop-A-Dot Mat encourages young braille readers to acquire and demonstrate their knowledge of the braille cell configuration, braille alphabet letters, one-cell contractions, and numbers through movement.

This product's related games and activities address many skills and concepts:

- Social interaction skills
- Self-expression and creativity
- Physical activity
- Body awareness/ coordination
- Tactile discrimination
- Spatial concepts

1-08819-00 $273.65



Score Card Set

Generic Score Card made of durable plastic. Has twenty buttons in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. Includes one yellow and one green card. Instructions in print and braille.

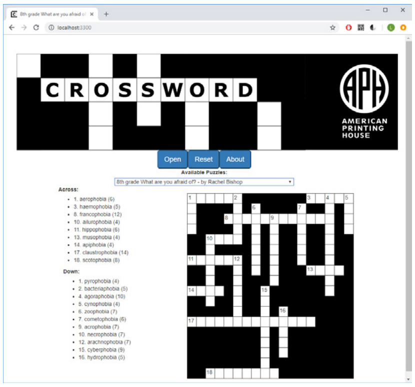
1-17001-00 $28.00

Crossword ▶

Now individuals who are blind or low vision can enjoy solving crossword puzzles on their computer!

Crossword is an accessible, cross-platform web app for solving digital crossword puzzles. This free download is compatible with most browsers and screen readers.

D-19912-OL FREE



Available Puzzles:

8th grade What are you afraid of? - by Rachel Bishop

Across:

- 1. aerophobia (6)
- 3. haemophobia (5)
- 8. francophobia (12)
- 10. ailurophobia (4)
- 11. hippophobia (6)
- 13. musophobia (4)
- 14. apiphobia (4)
- 17. claustrophobia (14)
- 18. scotophobia (8)

Down:

- 1. pyrophobia (4)
- 2. bacteriaphobia (5)
- 4. agoraphobia (10)
- 5. cynophobia (4)
- 6. zoophobia (7)
- 7. cometophobia (6)
- 9. acrophobia (7)
- 10. necrophobia (7)
- 12. arachnophobia (7)
- 15. cyberphobia (9)
- 16. hydrophobia (5)

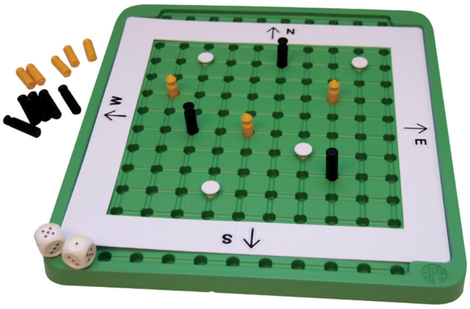
Talking Word Puzzles® Software

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square.

Requires Windows 7 or later.

Recommended ages: All.

Digital Download
D-03440-ED $39.00



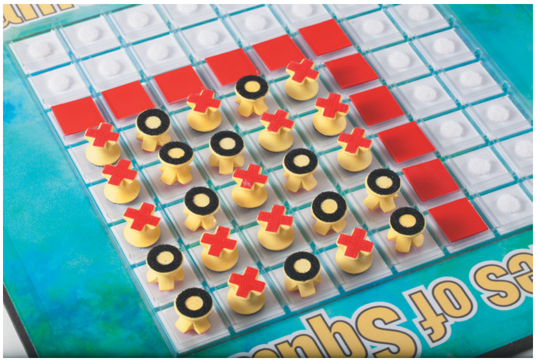
TREKS: The Game of Compass Directions ⚠

The goal of the game is to be the first player to move your pieces across the board from your home row into the opponent's home row. Change the game to make the play simpler or add rules to make it more complex.

The kit includes a game board, tactually and visually contrasting treksters, rules and variations booklet in large print and braille, and a set of tactile dice.

Recommended ages: Eight years and up.

1-08910-00 $174.87



Games of Squares CVI ⚠ PARTS

The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes. Starter ideas and possible adaptations are provided in Beyond X's and O's within the Game Instruction booklet.

Recommended ages: Five years and up.

1-08430-01 $310.45

Talking GlowDice® CVI

Push the Roll button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes four AAA batteries (not included).

1-07500-00 $41.21

Audiojack

American Printing House INNOVATIONS

Start your audio adventure with Audiojack® – an audio-based movie comprised only of sound designs that, together, tell a story for your imagination!

Appropriate for users of all ages, Audiojack is perfect for creative, fun, educational, medical, and therapeutic settings. This application promotes mindfulness, allowing your imagination and memory to converge as you start to build your own story based on what you hear. Get started with a monthly or annual subscription for your home, classroom, school building, or school district. Subscribe to a single user or multi-user group plan today and receive instant access to the complete library of Audiojacks. Subscriptions include access to a full list of Audiojack activities.

Note: Audiojack is part of the APH Innovations product line and is not available for purchase with Federal Quota funds.

D-19915-OL
$2.99 monthly subscription
$14.99 annual subscription

Braille/Print Spinners UEB

These two unique spinners—**Alphabet** (A-Z) and **Number** (numbers 1-6)—provide fun accessory options for teacher- and student-created games and recreational activities. Featuring high-contrast print and braille letters and numbers, as well as a fun spinning sound and a distinct tactile pointer, these two spinners can be used by students and adults of all ages. Give them both a "spin" for all sorts of games or use them for general braille awareness and learning opportunities.

Note: Both spinners are included with APH's Hop-A-Dot Mat.

Alphabet Spinner
1-08817-00 $23.00

Number Spinner
1-08818-00 $23.00

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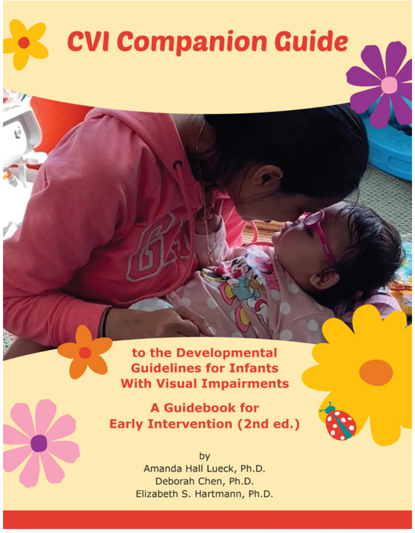
CVI Companion Guide

Designed to assist parents and service providers, the CVI Companion Guide provides information on the social and emotional needs of children with CVI. The book also delves into documenting a child's current level of functioning with their CVI diagnosis and organizing a plan to work on skills needed to successfully participate in everyday activities.

8-05073-EPUB $39.99

Print
8-05072-00 $57.00



CVI Companion Guide

to the Developmental Guidelines for Infants With Visual Impairments

A Guidebook for Early Intervention (2nd ed.)

by
Amanda Hall Lueck, Ph.D.
Deborah Chen, Ph.D.
Elizabeth S. Hartmann, Ph.D.

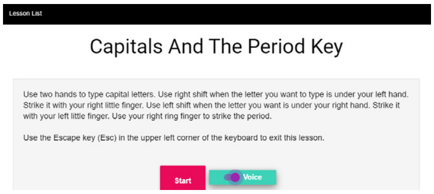
Typer Online

Help students improve their typing skills with this self-voicing software. A modernization of APH's Talking Typer for Windows, Typer Online is a free, accessible typing and computer keyboard tutorial that can be accessed online from any computer or smartphone.

Visit typer.aphtech.org to participate in Typer Online's many drills and practice lessons, and check out the included keyboard explorer.

Available from APH: typer.aphtech.org

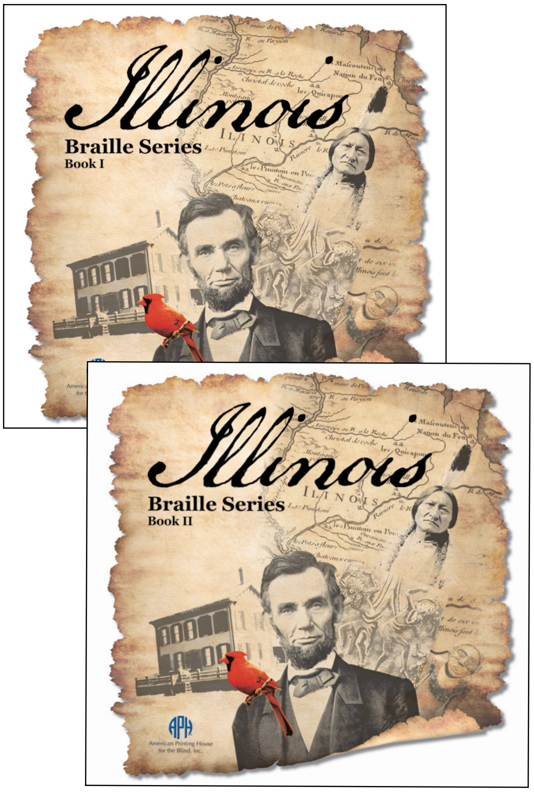
D-19914-01 FREE



Capitals And The Period Key

Use two hands to type capital letters. Use right shift when the letter you want to type is under your left hand. Strike it with your right little finger. Use left shift when the letter you want is under your right hand. Strike it with your left little finger. Use your right ring finger to strike the period.

Use the Escape key (Esc) in the upper left corner of the keyboard to exit this lesson.



Illinois Braille Series UEB

Now produced in Unified English Braille (UEB), the Illinois Braille Series is a classic program used to teach braille to former print readers.

Book I presents the symbols of uncontracted braille in one volume; Book II presents contracted braille in accordance with UEB order in two volumes. Successful completion of Book I is necessary before beginning a study of contracted braille using Book II.

Note: Each copy of Book I or Book II, in print or braille, is sold separately.

Book I	**Book II**
Print	**Print**
7-17230-01 $18.44	**7-17240-01** $196.80
Braille	**Braille**
5-17230-02 $50.04	**5-17240-02** $95.48

Important Icon Legend

N New Product

R Revised Product

UEB UEB

Products with this icon are transcribed in Unified English Braille (UEB).

CVI CVI

Products with this icon may be appropriate for learners with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

⚠ Safety Warnings

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

PARTS Replacement and Optional Parts Available

Products with this icon have available replacement parts. Refer to the Parts Catalog on our website: aph.org/aph-catalogs.

▶ YouTube

Product videos available on APH's YouTube Channel. youtube.com/user/aphftb

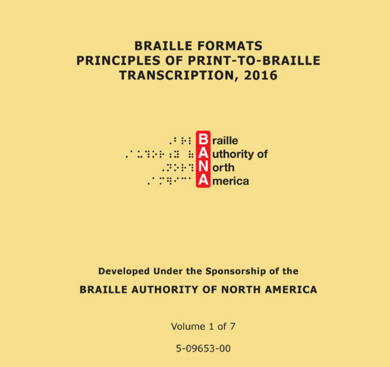
Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing.

Braille Formats: Principles of Print-To-Braille Transcription, 2016 UEB

With the implementation of UEB, these guidelines provide a foundation for transcribing print content in an accurate and consistent manner. A wide variety of examples are included. Available for free download on the BANA website: brailleauthority.org/braille-formats-principles-print-braille-transcription-2016

Braille	Print
5-09653-00 $97.80	**7-09653-00** $102.61


BRAILLE FORMATS
PRINCIPLES OF PRINT-TO-BRAILLE
TRANSCRIPTION, 2016

Braille
Authority of
North
America

Developed Under the Sponsorship of the
BRAILLE AUTHORITY OF NORTH AMERICA

Volume 1 of 7

5-09653-00

Music Braille Code, 2015 UEB

Where appropriate, rules and procedures have been adjusted to comply with the adoption of The Rules of UEB and of Braille Formats: Principles of Print-to-Braille Transcription. A section about transcribing music for harps has been added. It also incorporates some signs that are not defined in either that work or in the New International Manual of Braille Music Notation.

Available for free download on the BANA website: brailleauthority.org/music-braille-code

Braille	Print
5-09651-01 $80.62	**7-09651-01** $87.03

MUSIC BRAILLE CODE,
2015

Braille
Authority of
North
America

Developed Under the Sponsorship of the
BRAILLE AUTHORITY OF NORTH AMERICA

Volume 1 of 5

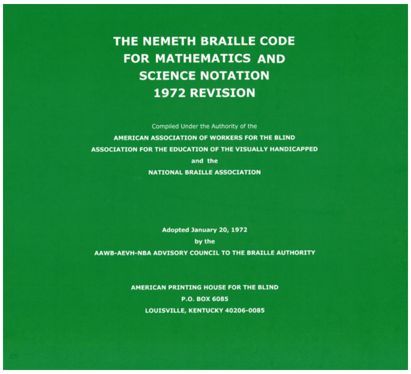
5-09651-01

Nemeth Code for Mathematics and Science Notation, 1972 Revision

PDF (not accessible) and BRF files available for free download on the BANA website: brailleauthority.org/nemeth-code

Please Note: BANA is currently developing a revision to this document.

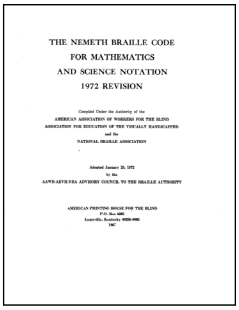
Braille	Print
5-87430-00 $89.00	**7-87430-00** $89.00


THE NEMETH BRAILLE CODE
FOR MATHEMATICS AND
SCIENCE NOTATION
1972 REVISION

Compiled Under the Authority of the
AMERICAN ASSOCIATION OF WORKERS FOR THE BLIND
ASSOCIATION FOR THE EDUCATION OF THE VISUALLY HANDICAPPED
and the
NATIONAL BRAILLE ASSOCIATION

Adopted January 20, 1972
by the
AAWB-AEVH-NBA ADVISORY COUNCIL TO THE BRAILLE AUTHORITY

AMERICAN PRINTING HOUSE FOR THE BLIND
P.O. BOX 6085
LOUISVILLE, KENTUCKY 40206-0085



THE NEMETH BRAILLE CODE
FOR MATHEMATICS
AND SCIENCE NOTATION
1972 REVISION

Compiled Under the Authority of the
AMERICAN ASSOCIATION OF WORKERS FOR THE BLIND
ASSOCIATION FOR EDUCATION OF THE VISUALLY HANDICAPPED
and the
NATIONAL BRAILLE ASSOCIATION

Adopted January 20, 1972
by the
AAWB-AEVH-NBA ADVISORY COUNCIL TO THE BRAILLE AUTHORITY

AMERICAN PRINTING HOUSE FOR THE BLIND
P.O. Box 6085
Louisville, Kentucky 40206-0085
1987

Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems

Please Note: BANA is currently developing a revision to The Nemeth Braille Code for Mathematics and Science Notation.

Braille
5-68654-00 $15.00

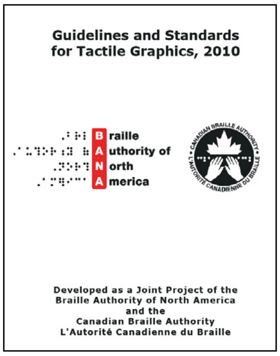
LEARNING THE
NEMETH BRAILLE CODE

Learning The Nemeth Braille Code: A Manual for Teachers and Students

Please Note: BANA is currently developing a revision to The Nemeth Braille Code for Mathematics and Science Notation on which this publication is based.

BRF file (only) available for free download on the BANA website: brailleauthority.org/nemeth-code

Braille	**Print**
5-68653-00 $49.00	**7-68653-00** $49.00



Guidelines and Standards
for Tactile Graphics, 2010

Braille
Authority of
North
America

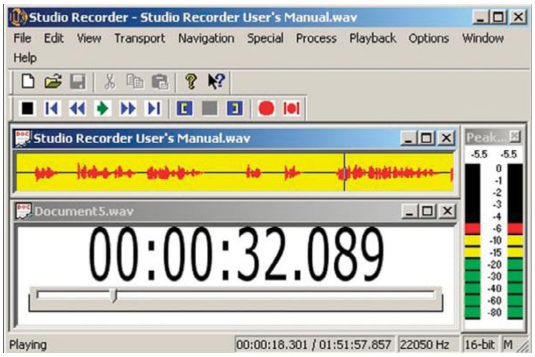
Developed as a Joint Project of the
Braille Authority of North America
and the
Canadian Braille Authority
L'Autorité Canadienne du Braille

Guidelines and Standards for Tactile Graphics

Please Note: BANA is currently developing a revision to this document.

Available for free download on the BANA website: brailleauthority.org/guidelines-and-standards-tactile-graphics

Braille	**Print**
5-35935-00 $121.87	**7-35935-00** $99.00


Studio Recorder - Studio Recorder User's Manual.wav
File
Edit
View
Transport
Navigation
Special
Process
Playback
Options
Window
Help
Studio Recorder User's Manual.wav
Peak...
Document5.wav
00:00:32.089
Playing
00:00:18.301 / 01:51:57.857
22050 Hz
16-bit
M

Studio Recorder Software

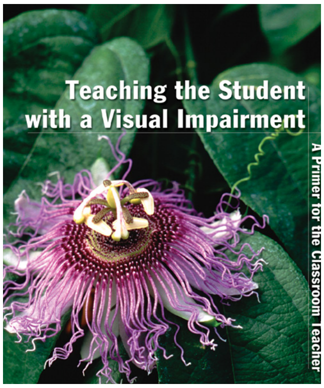
A powerful digital recording and editing software package geared specifically for making recordings of the spoken word. Studio Recorder™ contains many features that make recording, editing, and proofreading audio books easy, including features not found in similar programs. Requires Windows 7 or later.

Digital Download
D-03600-ED $200.00

Teaching the Student With a Visual Impairment (TSVI): A Primer for the Classroom Teacher

TSVI assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision. An extensive listing of agencies and organizations that serve people who are low vision, and a materials tote with consumable forms for teachers, parents, and students is included.

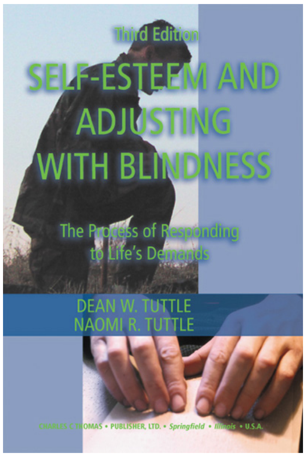
1-08290-00 $100.00


Teaching the Student with a Visual Impairment
A Primer for the Classroom Teacher

Self-Esteem and Adjusting to Blindness: The Process of Responding to Life's Demands, 2nd Edition

Explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. Helps people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life.

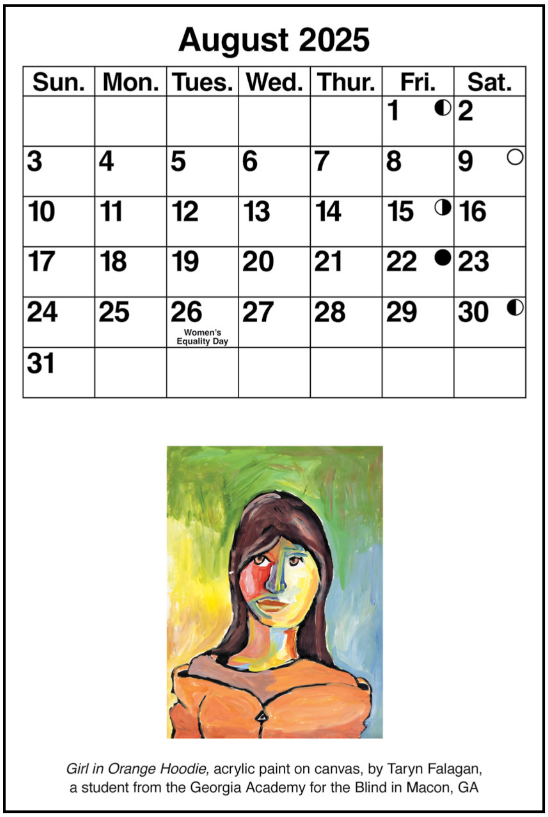
Braille
5-00500-00 $381.00


Third Edition
SELF-ESTEEM AND ADJUSTING WITH BLINDNESS
The Process of Responding to Life's Demands
DEAN W. TUTTLE
NAOMI R. TUTTLE

The Impressor UEB

Easily create your own braille business cards! Similar to the stamp used by notary publics, the die which embosses braille on your card is custom-made with your information. Embosses up to four lines, 13 braille cells per line. Call 800-223-1839 to initiate an order.

Impressor, Revised
1-03380-01 $139.00



August 2025

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
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3	4	5	6	7	8	9 ○
10	11	12	13	14	15 ◑	16
17	18	19	20	21	22 ●	23
24	25	26 Women's Equality Day	27	28	29	30 ◐
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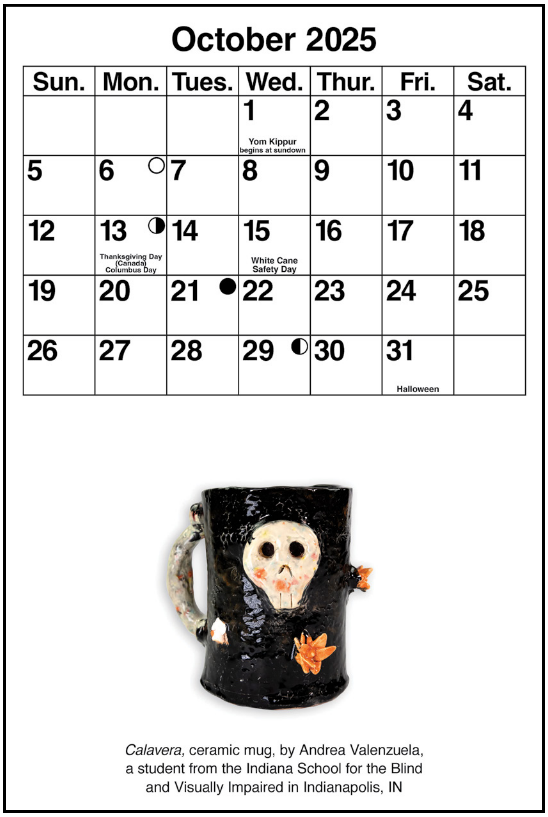
Girl in Orange Hoodie, acrylic paint on canvas, by Taryn Falagan, a student from the Georgia Academy for the Blind in Macon, GA



October 2025

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
			1 Yom Kippur begins at sundown	2	3	4
5	6 ○	7	8	9	10	11
12	13 ◑ Thanksgiving Day (Canada) Columbus Day	14	15 White Cane Safety Day	16	17	18
19	20	21 ●	22	23	24	25
26	27	28	29 ◐	30	31 Halloween	

Calavera, ceramic mug, by Andrea Valenzuela, a student from the Indiana School for the Blind and Visually Impaired in Indianapolis, IN

APH InSights Art Calendar: Large Print-Braille, 2025 R UEB

This beautiful full-color calendar features the artwork of low vision artists.

Months, days, holidays, and moon phases appear in both braille and large print. This calendar can be used at a desk or hung on a wall and is ring-bound to allow pages to be folded over easily.

Note: The APH InSights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fundraising purposes MAY NOT be purchased with Quota funds. Art calendars can be purchased with a minimum order of 50 for fundraising projects.

Please, contact the APH Contract Administration Office at 1-800-223-1839 to order.

Single Copy
5-18971-25 $TBA

Custom-Printed
5-18972-25 $TBA

APH InSights Calendar 2025

Featuring Artwork by Blind and Low Vision Artists
American Printing House for the Blind, Inc.

Gifts
Related Products

Paint-by-Number
Safari Series ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ 89-90

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit aph.org or call 1-800-223-1839.

APH News – Your APH Connection

APH News is one of the best ways to learn about new products, services, and resources at APH!

To join our mailing list and receive our monthly newsletter and other APH updates, visit: aph.org/contact-us/subscribe

APH Insights Art Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for artists of all ages who are blind or low vision. From the hundreds of entries received, works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories; media may include sculpture, pottery, weaving, photographs, prints, paintings, etc. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

To enter, contact the Special Programs Coordinator via email: insights@aph.org

The APH Blog

The APH blog is your go-to source for information about APH products, innovations, accessibility and happenings in the field of blindness. Follow our journey as we work to break down barriers and create a more inclusive world. You'll learn from leaders in the field and also hear stories from a diverse group of peers who will inspire and challenge you. Visit aph.org/blog to start reading.

Need Accessible Materials? APH Will Custom-Make Them for You!

Our state-of-the-art processes and exacting standards allow us to create custom braille, tactile graphics, enlarged print, and audio materials for your clients, customers, shareholders, and employees who are blind or low vision.

Please contact APH Contract Administration for a no-obligation cost estimate on your next project at 800-223-1839 (menu option 1, then menu option 2 for Braille Transcription Services or custom requests), or email contracts@aph.org.

APH Social Media

Are you on social media? Follow us to stay up-to-date on everything happening at APH and in the field, from exciting announcements and updates, to tutorials and events.

Here's where you can find us

Explore Free Downloadable Tactile Graphics in the TGIL!

The Tactile Graphics Image Library (TGIL) is a free service of APH in support of teachers, transcribers, students, families, and paraprofessionals. Over 2,300 graphics files can be searched by category or keyword and then downloaded and customized for your specific situation. Files can be used as templates for collage, microcapsule, and graphic embossers. Monarch users can also directly access the TGIL from their device and search and display any graphic. For more information, or to register, please visit us at **imagelibrary.aph.org**.

Need to Find Accessible Textbooks?

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Please contact READS for additional information at 800-223-1839 x705 or email: **resource@aph.org**

Accessible Tests and Textbooks Department

Accessible Tests and Textbooks offers a wide range of services. For more detail about any of these services, please visit **aph.org**

Tests: Extensive Services Offered

APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in hard copy braille, large print, enlarged print, and digital formats. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

Textbooks: The Accessible Media You Need

APH responds to the textbook needs of students who are blind and low vision by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

Braille Textbooks, Hard Copy and Digital

Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

Large Print Textbooks, Hard Copy and Digital

APH Large Print textbooks can also be used on digital reading devices such as iPad, Kindle®, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.

For questions about accessible tests or textbooks, contact Jane Thompson, Director of Accessible Tests and Textbooks Departments, Braille Improvement Department, at 502-899-2370 or **jthompson@aph.org**

Ayuda A Nuestros Clientes En Español

Ayuda Para Nuestros Clientes En Español

Nota para nuestros clientes que hablan español:

Es nuestro placer a servir usted en Español por correo electrónico.

Podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH esta ofreciendo más y más productos en español? Búsque estos productos en nuestro sitio web, o pida información a nuestros representantes.

Usted es muy importante a nosotros, gracias.

El personal del American Printing House for the Blind, **support@aph.org**

APH OFRECE CIERTOS PRODUCTOS Y MANUALES EN ESPAÑOL

Boehm-3: Juego de Gráficas Agrandadas (manual y formas de registro), **1-03880-00**; **1-03883-00** 28

Juego de Calendario para el Salón de Clases: **1-18973-00** 116

Caja de Luz: Guía de Actividades. Favor de visitar nuestra página web para obtener más información.

Nivel I: **7-08670-SP**

Nivel II: **7-08680-SP**

How to Order

Online (U.S. Customers and Canada)

- Go to aph.org for accessible and secure ordering
- One-time, easy account setup
- Purchase online using either credit card or Federal Quota funds

Email

- Send orders to po@aph.org
- We accept Federal Quota orders (signed by EOT), purchase orders, and orders from individuals via email
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not email your credit card information

Phone

- Call 1-800-223-1839 or 502-895-2405
- Please have your credit card ready

Mail

- Mail a Federal Quota order form (signed by EOT), purchase order, APH order form, or a letter written in print or braille stating desired items and quantities. Please include check, money order, or your contact information for us to obtain credit card payment.
- Please do not mail your credit card information.

American Printing House for the Blind
1839 Frankfort Ave • Louisville, KY 40206

Note: Checks and money orders must be in U.S. dollars. Kentucky residents must include 6% sales tax.

Shipping Methods

Shipping within the U.S.

Most items ordered by or for people who are low vision will be shipped via Free Matter for the Blind, a free service provided by USPS. Please allow up to two to four weeks shipping time for items sent via Free Matter for the Blind. Customers needing a faster shipping option can contact Customer Service via phone, email, or mail for a freight quote. Customers will be responsible for any upgraded shipping costs.

Note: When indicated, select items cannot be shipped via Free Matter and will require paid shipping.

Shipping Outside of the U.S.

We are unable to offer Free Matter for the Blind Shipping on International orders at this time. The customer is responsible for the shipping cost of all other items requiring paid freight. Please contact Customer Service via phone, email, or mail for a freight estimate. APH recommends shipment by Priority Mail International Airmail, as surface mail is much slower.

All export and/or import duties, brokerage fees, etc. are paid by the customer. Please check with your customs broker to make arrangements in advance.

Paid Shipping Options within the U.S.

These timeframes do not include processing time.

U.S. Postal Service® Priority Mail
Six to ten day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery.

United Parcel Service® (UPS) Ground
Four to seven day delivery to street addresses only (no P.O. boxes). No weekend or holiday delivery.

UPS® 3-Day
Guaranteed 3-day delivery to street addresses only (no P.O. boxes).No Saturday, Sunday, or holiday delivery.

Further Assistance

aph.org
support@aph.org
1-800-223-1839 or 502-895-2405

How to Order and Related Information

eBooks (EPUB Files)

After receiving an email from APH and clicking the eBook link:

- from an iOS device or Mac computer the title will open in iBooks
- from an Android device the title will open in Google Books™ service
- on a Windows or Linux operating system you will need to download and install an EPUB reader before being able to read this title. We recommend the Readium extension for the Chrome™ browser or Adobe® Digital Editions*.

***Note:** Thorium Reader does not support the interactive features built into the CVI Complexity Sequences eBook, however it reads the text correctly.

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Return Policy

APH stands behind its products. We will accept returns on most items within 60 days of shipment date. Prior authorization for returns is required. APH reserves the right to refuse or limit returns in cases of abuse of this policy.

The following items may not be returned for any reason other than defects:

- Software
- Apps
- eBooks
- Made to order large print, braille, or APH Press books
- Custom orders

The following made to order books may not be canceled once production has begun:

- Large print (catalog prefixes 4-, A-L, F-)
- Braille (catalog prefixes A-B)
- APH Press (catalog prefix F-B)
- Customer orders (S-)

Please contact the Customer Experience Department at cs@aph.org or 800-223-1839 to obtain a return authorization number.

General Repair Policy

If you are experiencing difficulty with an APH product, please call Customer Service at 800-223-1839 and explain the issue you are experiencing. It is possible we can solve your issue over the phone. If your product requires repair, please contact APH Customer Service to obtain a repair Return Authorization number. Do not return devices without a Repair Authorization number.

Payment is required for eligible out of warranty products prior to the completion of any repairs. Accepted forms of payment are as follows:

- Federal Quota purchase order, which must be signed by the EOT.
- School or organization purchase order
- Check

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to certain restrictions). Please contact Customer Service to obtain a Return Authorization number and additional instructions for warranty repairs.

Note: Discontinued catalog number indicated by (d)

Products Out of Warranty – Flat Rate Fees

The following products carry a flat rate repair fee. Items deemed non-repairable will be returned to you without charge.

Book Port DT: 1-07200-00 (d)	$75.00
Book Port Plus: 1-07191-00 (d)	$75.00
Colortest 1-03951-00 (d)	$50.00
Joy Player: 1-07089-00	$50.00
Juno: 1-00380-00	$150.00
Large LED Light Box 1-08655-00	$150.00
LED Mini-Lite Box 1-08654-00 (d) 1-08654-01	$75.00
Light Box: 1-08660-00 (d), 1-08669-00 (d)	$150.00
Mini-Lite Box: 1-08661-00 (d)	$75.00
Perkins Braillers: 1-00850-00 (d), 1-00860-00 (d), 1-00815-00	$150.00
Portable Sound Source: 1-03040-01 (d), 1-03040-02 (d), 1-03045-00	$75.00
Power Select/SLK 1-08612-00	$75.00

Products Out of Warranty – Fee to be Determined for Repair

The following products do not have a set repair fee due to the range of prices for repair parts. Pre-payment of a non-refundable evaluation/handling fee is required. This fee includes the cost of return shipping by UPS.

APH SMART Brailler by Perkins: 1-00820-00	$200.00
Braille Trail Reader: 1-07421-00	$95.00
Chameleon: 1-08471-00	$95.00
Juno 1-00380-00	$150.00
Jupiter: 1-00370-00	$150.00
Mantis Q40: 1-08470-00	$95.00
MATT Connect: 1-03941-00(d), 1-03943-00, 1-03944-00	$95.00
PageBlaster: 1-08075-00	$95.00
Perkins/APH Next Gen Brailler: 1-00800-00 (d)	$200.00
Perkins Smart Brailler: 1-00800-00	$200.00
Polly 1-08940-00	$95.00
Video Mag HD 1-03914-00	$75.00

Chameleon, Mantis, and PageBlaster Warranties

Chameleon 20: One- and Two-Year Warranties

These warranties will extend the manufacturer's original one-year warranty by an additional year, or two years. Should a repair be needed, a loaner unit will be shipped to you. You will receive the loaner unit within five business days. One device cleaning per year is available during the term of the extended warranty. Shipping is covered on the loaner unit, sending in your unit for repair, and getting your unit back from repair. Extended warranties must be bought while the unit is still under warranty, either the original or an extended. **Note:** You cannot purchase more than two years of extended warranty.

One Year Warranty	**Two Year Warranty**
1-08471-1YW $395.00	**1-08471-2YW** $595.00

Mantis Q40: One- and Two-Year Warranties

These warranties will extend the manufacturer's original one-year warranty by an additional year, or two years. Should a repair be needed, a loaner unit will be shipped to you. You will receive the loaner unit within five business days. One device cleaning per year is available during the term of the extended warranty. Shipping is covered on the loaner unit, sending in your unit for repair, and getting your unit back from repair. Extended warranties must be bought while the unit is still under warranty, either the original or an extended. **Note:** You cannot purchase more than two years of extended warranty.

One Year Warranty	**Two Year Warranty**
1-08470-1YW $595.00	**1-08470-2YW** $895.00

PageBlaster 1 Year Warranty

This warranty will extended the manufacturer's original two-year warranty by an additional year, up to two years. A device cleaning is included with each year of extended warranty purchased.

One Year Warranty
1-08075-1YW $1,085.00

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The Dot Experience

A New Global Attraction

The The Dot Experience is an all-new destination being designed by American Printing House for the Blind (APH) and scheduled to open early 2026. The Dot Experience is on a mission to change perspectives about blindness, spur insight and action that welcomes everyone, and lead as model museum of inclusivity and accessibility. Part museum, attraction, factory tour, and center of education, this Louisville-based facility is the intersection of innovation, insight, and opportunity. The Dot Experience will share compelling first-person stories, cutting edge innovations created by and with people who are blind or low vision, and world-class treasures like the Helen Keller's desk, the piano Stevie Wonder played on as a child, the first guide dog harness, and a rare book by Louie Braille published in 1829.

Everything is being created with an unprecedented set of applied inclusive design standards that puts disability access front and center. Museums worldwide are thinking about disability inclusion, but too often as something additive to an already designed or built experience. Every step of the design process is fully focused on an inclusive experience that makes sure there is access to all meetings and materials. An inclusive prototyping team comprised of local individuals of varying backgrounds and disability are meeting monthly with the exhibit design firm to inform each step of the design and fabrication process.

Learn more about getting involved in **The Dot Experience** by contacting Jo Haas, *VP of Advancement and The Dot Experience*, at jhaas@aph.org or 502-515-9136.

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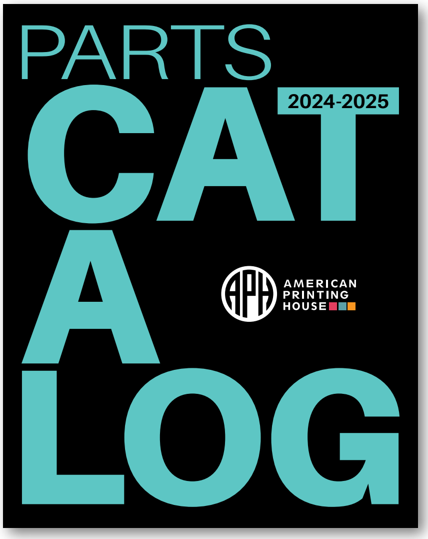
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