



# Teaching Reading and Writing with Building on Patterns

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## Presenter

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# Presentation Objectives

- Identify the prerequisites for braille instruction based on research.
- Identify the basic components of a lesson in Building on Patterns.
- Apply the components of effective literacy instruction to instruction within Building on Patterns.
- Describe how reading is taught, from a research based perspective, using Building on Patterns.



# Foundations of Reading



# National Reading Panel

1. Phonemic awareness
2. Phonics
3. Fluency
4. Vocabulary
5. Comprehension



# Simple View of Reading

Language Comprehension (meaning) multiplied by Decoding/Word Recognition (code) equals Reading Comprehension



# Prerequisites for Braille Reading

- Language development
- Auditory discrimination
- Concept development with hands-on experience
- Tactual discrimination



# Areas of Focus

## **Prerequisites for Braille Reading**

- Language development
- Auditory discrimination
- Concept development
- Tactual discrimination

## **Critical Areas for Reading**

- Vocabulary
- Phonemic awareness/phonics
- Comprehension
- Fluency





# Introducing the Product



# What is Building on Patterns (BOP)?

- Building on Patterns, often known as BOP, is a complete primary literacy program designed to teach students the braille code and reading skills.
- The Big Five are interwoven throughout the BOP series.  
*Phonemic awareness, phonics, comprehension, fluency, vocabulary*
- The introduction of braille contractions is purposeful.
- All braille contractions are taught by the end of Second Grade.
- Instruction is systematic and explicit.



# History of APH's Braille Literacy Program

## Patterns

- Released in 1980-1981 school year
- Readiness, Preprimer, and Primer
- Designed to teach reading to children who will use braille as their principal learning medium.

## Building on Patterns

- First revision initiative, 2006
- Includes 5 critical skill areas: The Big Five
- Addition of pre-Kindergarten content
- Development of website
- UEB revision, began in 2014



BOP Website: [aphbop.org](http://aphbop.org)



# Building on Patterns Website

- Landing page with links for info on each grade level.
- Ordering information, themes, monitoring charts, parent letters, UEB supplements, audio files, and more!
- Teacher resources section
- Teaching components section



# Levels of BOP

- Pre-kindergarten
- Kindergarten
- First Grade
- Second Grade



# Prekindergarten



# Prekindergarten Contents

- Set of Print Parent Letters
- Parent Booklet
- Set of 27 Print Children's Books
- Set of 28 Braille Children's Books (includes one print-braille book)
- Set of 4 Student Workbooks and 28 Tactile Storybooks
- Worksheets Pack
- Manipulatives Pack
- Monitoring Charts and Reading Roundup Consumables (also available online)





# Lesson Layout Prekindergarten

- Speaking and Listening
- Knowledge and Concept Development
- Phonological Awareness
- Reading
- Writing
- Specialized Skills
- Enrichment



# Phonemic Awareness

- A phoneme is an individual unit of speech sound.
- Example: The word “cat” has three phonemes, /c/ /a/ /t/.
- Schwa sound /uh/
- Do not add a schwa sound at the end of phonemes.
- Phoneme, Grapheme, Morpheme
- Phonemic Awareness vs. Phonics



# Phonemic Awareness: The Big 5 in BOP Prekindergarten

- BOP Prekindergarten, Volume 1, Lesson 4, p. 147 Teacher's Manual
- Initial Sound of y/y/
- Gather objects that begin with the letter y, such as yo-yo, yarn, yam, yogurt, or yardstick. Say the sound of the letter y /y/ to the child several times and ask her to repeat it. Present each object, name it together, and emphasize the beginning /y/ sound. Identify this beginning sound as the sound of the letter y. Ask the child if she can think of any other words that begin with the same sound (examples: yes, yawn, yellow, yucky, yummy)



# Kindergarten



# Kindergarten Contents

- Student Textbooks (set of 7)
- Color Me Book
- Posttest Consumables Pack
- Assessment Check-up Forms Pack



# Lesson Layout Kindergarten

- Comprehension
- Sounds and symbols
- Concept development
- Tactual skills
- Braille knowledge
- Study skills



# Phonics

- We learned that phonemic awareness is the understanding that spoken words consist of individual units of speech sound, phonemes.
- Phonics teaches the relationship between individual sounds, phonemes, and the letters that represent them, graphemes.
- Where do morphemes fit into phonics instruction?



# Phonics: The Big 5 in BOP Kindergarten

- BOP Kinder Lesson 27, p. 296 of the teacher's manual
- Ask the child to turn to page 6. Give the child a crayon. Tell the child that you are going to say a word for each line. Tell the child to look at the letters in the line and mark the one that stands for the sound at the beginning of the word you say.





# BOP Kindergarten Update

- Currently undergoing complete revision
- Prototype ready fall 2023
- Full year of field testing



# First Grade



# First Grade

- Instructional materials are separated into units, 7 total.
- Each unit is sold as a separate kit.
- Each student unit kit includes lesson monitoring sheets, assessment checkup forms, student textbook, and worksheets pack.
- The braille is interpoint.
- Posttest



# Lesson Layout First Grade

- Word Work-phonemic awareness, phonics, spelling
- Language-background knowledge, oral vocabulary, concept development, grammar
- Reading-new reading words, reading and comprehension, oral reading and fluency
- Writing-creative writing, writing grammar, braillewriting
- Braille Knowledge-contractions and rules



# Vocabulary: The Big 5 in BOP First Grade

- BOP First Grade, Unit 6, Lesson 30, Day 4, p. 34 of the Teacher's Manual



# Second Grade



# Second Grade

- Instructional materials are separated into units, 7 total units.
- Each unit is sold as a kit.
- Each student kit includes lesson monitoring sheets, a consumable unit assessment packet, a student textbook and worksheets pack.
- The braille is interpoint.
- Posttest



# Lesson Layout Second Grade

- Word Work-includes phonemic awareness, phonics, spelling
- Language-concept development, grammar, vocabulary
- Reading-new reading words, comprehension, oral reading, fluency
- Writing





# BOP Second Grade Update

- Teacher materials modernization
- UEB updates to print and braille teacher editions, assessment forms, and Reference Volume
- Completion summer 2024



# More to Come

- Second Webinar August 22:  
[https://aph.zoom.us/webinar/register/WN\\_pav2Fn8fRFe-pMH9ZjSG7Q](https://aph.zoom.us/webinar/register/WN_pav2Fn8fRFe-pMH9ZjSG7Q)
- Implementation within an itinerant model
- Managing product pieces
- Overcoming challenges
- Meet a young friend of mine!

