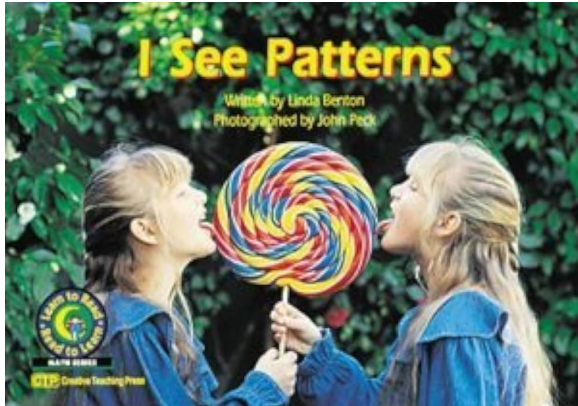




I SEE PATTERNS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's exploration during this literacy activity. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.



Did you know reading books is a great opportunity to support STEM learning?

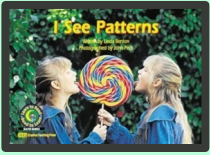
I See Patterns is a book written by Linda Benton.

Pretty photographs and simple words give parents plenty to talk about with their young child.

- If you do not have a paper copy of this book, watch a YouTube video of someone reading the book. If you prefer to read it to your child yourself, just mute the audio.

<https://www.youtube.com/watch?v=A32-DvFY0XI>

- Check your local library to see if it allows you to borrow a digital version of this book to read on a laptop, tablet, or phone.
- Or find it online: <https://archive.org/details/iseepatterns00bent>



I SEE PATTERNS BOOKMARK

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.

- Print this page and cut around the edges.
- Reading with babies and toddlers uses strategies such as:
 - Pointing to pictures
 - Using expressive facial features and voices
 - Spending as much time as your child wants on pages, they are very curious about
 - Modeling the right answer to help your child learn new words
 - Asking simple Wh-questions, such as "What is this color?"
- Look at STEMIE's tips for making adaptations to the storybook reading process and on the following pages:

<https://stemie.fpg.unc.edu/guide-book-adaptations>
- If you print this page, you can download or view online by scanning the QR code below.



Foundational | Math

I See Patterns

By Linda Benton



Point to pictures



Be Expressive!



Model correct answers
"Circle. Say 'Circle.'"



WH questions
"Where is the pattern?"



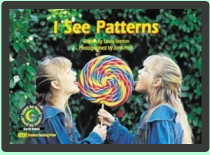
Do not rush
Wait for a response after a comment or question

STEM Words & Ideas to Explore

- Patterns
- Stripes
- Shapes
- Colors



stemie.fpg.unc.edu



I SEE PATTERNS

ADAPTATIONS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.

SUPPORT CHILDREN WITH VISUAL IMPAIRMENT/DEAF-BLINDNESS/MULTIPLE DISABILITIES:

STORYBOX

Select corresponding items and place them in a container/box. Items may include:

- A cookie with a pattern
- An umbrella with a pattern
- A toy piano
- A striped towel with a pattern
- A striped shirt



Image credit: Adobe Stock

This adaptation can also...

- Increase children's attention and engagement
- Support children with sensory challenges



Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.



Answer your child's questions. If you do not know the answer, work together with your child to discover the answer.



Encourage your child to participate in the activity as much as possible. Praise your child's efforts and successes.



I SEE PATTERNS ADAPTATIONS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.

SUPPORT ALTERNATIVE WAYS OF COMMUNICATION:

PICTURES, SYMBOLS, SIGNS, AND/OR ICONS

- Select pictures that correspond to items/objects/animals in the book
- Add signs and icons to the story
- Use pictures along with a communication board to support STEM learning



Image Credit: STEMIE

This adaptation can also...

- Increase children's attention and engagement
- Support children' learning
- Support children who are deaf/with hearing impairment



Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.



Answer your child's questions. If you do not know the answer, work together with your child to discover the answer.



Encourage your child to participate in the activity as much as possible. Praise your child's efforts and successes.



I SEE PATTERNS ADAPTATIONS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

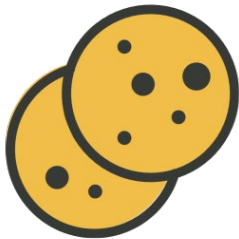
Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.

VISUAL CUES:
USE TO PROMPT

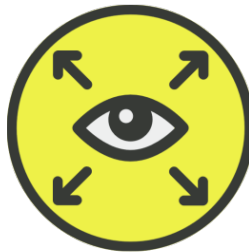
HOW TO:

Step 1: Print and cut out the images. You can also create your own visual cues (empty squares included).

Step 2: As you read, use tape or Velcro to attach the pictures to the corresponding pages in the book.



Cookies



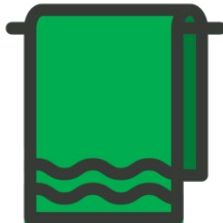
Look



Umbrella



Piano keys



Towel



Shells



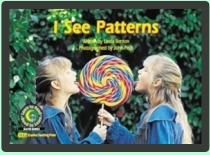
Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.



Answer your child's questions. If you do not know the answer, work together with your child to discover the answer.



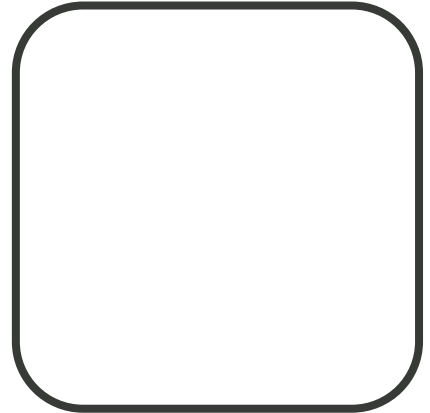
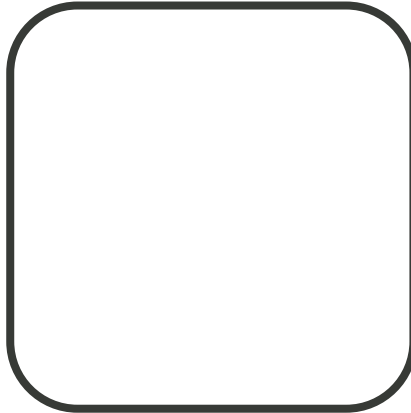
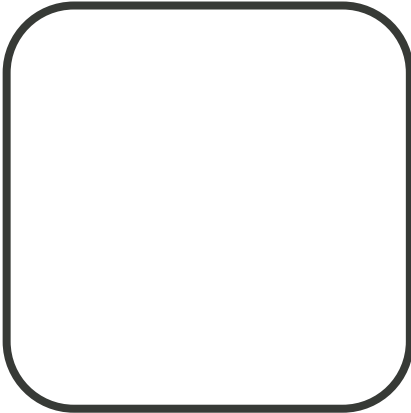
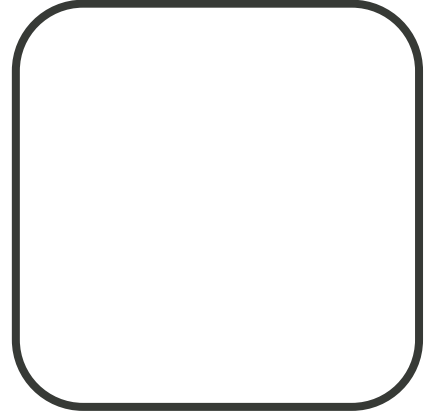
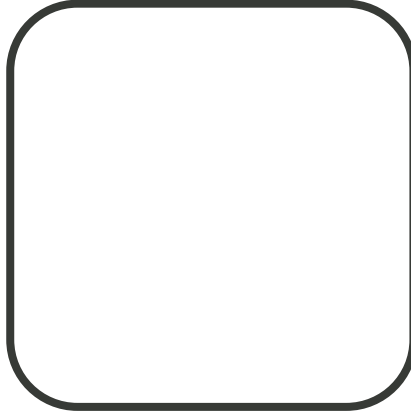
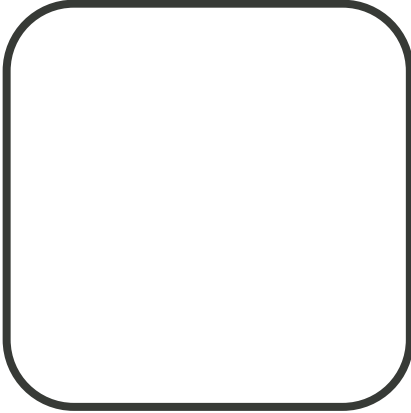
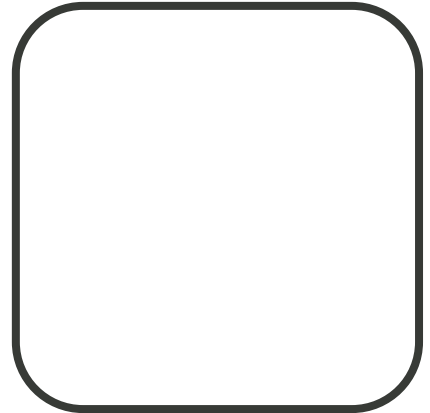
Encourage your child to participate in the activity as much as possible. Praise your child's efforts and successes.



I SEE PATTERNS ADAPTATIONS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.



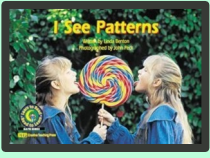
Follow your child's lead and interests. Enthusiastically ask your child questions about what they are doing and what they like.



Answer your child's questions. If you do not know the answer, work together with your child to discover the answer.



Encourage your child to participate in the activity as much as possible. Praise your child's efforts and successes.



I SEE PATTERNS

EXPLORATION

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.

Pattern Noticer

Description: Help your child notice patterns in their environments and daily activities. While getting your child dressed, point out the patterns that are on their clothes and other family members clothes. You can also make simple patterns out of your child's favorite objects, snacks, and toys. See if your child can continue the pattern. When you are reading familiar books or signing favorite songs, point out to your child the repeating patterns that are within them.

What My Child Is Learning!

Children learn best by interacting with people and objects. Introduce STEM words, ask questions, and encourage them to **notice patterns** in their environments. Help your child make a connection between patterns and real-life experiences, while developing creativity, problem-solving, as well as math skills.

Discuss patterns on your clothing as you are getting dressed in the morning. *"Oh, I see you have on a **blue and white patterned** shirt this morning."* Or *"You're looking at the **blue and white stripes** on Daddy's pajamas."*

While children are learning how to express words, they may already have numerous ways to communicate! Watch for their cues as they may express their curiosity and interest by turning toward or pointing to patterns they notice. Using open-ended questions offers an opportunity for children to explore patterns that they are interested in.



I SEE PATTERNS



ADDITIONAL ACTIVITY IDEAS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different, and these are only suggested adaptations and activities. Do what works best for encouraging your child's independent exploration during this daily routine. Consult your pediatrician, physical therapist (PT), and/or occupational therapist (OT) first.

- Check out our Discovery Play Activities for Patterns in Nature
- Check out our Discovery Play Activities for Lego Block Coding
- Check out our Discovery Play Activities for Let's Talk Patterns
- Take a walk around the neighborhood and talk about the patterns you see in the cars, plants, clouds, and buildings.
- Make patterns out of blocks, crayons, or even snack items as you play (or eat!) Encourage your child to replicate patterns you make and then switch and let your child start the pattern.
- Do certain things out of order (like put on shoes before socks) to see if your child notices it is the wrong sequence
- Leave off the end of familiar patterns (in books and songs) and see if your child can finish them.

