



# I SEE PATTERNS

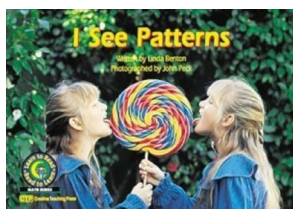
BOOKMARK FOR STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

## DID YOU KNOW READING BOOKS IS A GREAT OPPORTUNITY TO SUPPORT STEM LEARNING?

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?"**

## ABOUT THIS BOOK



***I See Patterns*** is a book by Linda Benton. This book shows **patterns** in everyday life with pretty photographs and simple words. Point out **patterns** with your child in clothes, food, toys, or outside in nature.

## WHERE CAN I FIND THIS BOOK?

Search [YouTube](#), [BookShare](#), [Archive.org](#), and your local library.

## ADAPTATIONS

STEMIE's tips for making adaptations to the storybook reading process

<https://stemie.fpg.unc.edu/resource/a-guide-to-book-adaptations/>

Scan the QR code to download or view online.



### 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 each comment or question



### STEM Words & Ideas to Explore

- Patterns
- Shapes
- Stripes
- Spots
- Waves





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ADAPTATIONS FOR STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

Every child is different. Do what works best for encouraging your child's independent exploration during this suggested literacy activity. These are only suggested activity adaptations. Consider consulting your child's care team 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.

## SUPPORT CHILDREN WITH VISUAL IMPAIRMENT, DEAF-BLINDNESS, OR MULTIPLE DISABILITIES:



### Storybox:

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

- A toy piano
- A small striped towel
- An old striped shirt

### This adaptation can also be used to:

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

## SUPPORT ALTERNATIVE WAYS OF COMMUNICATION:



### Pictures, Symbols, Signs, or Icons:

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

### This adaptation can also be used to:

- Increase children's attention and engagement
- Support children's learning
- Support children who are deaf or have a hearing impairment



# I SEE PATTERNS

VISUAL CUES FOR STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

## How To Use VISUAL CUES:

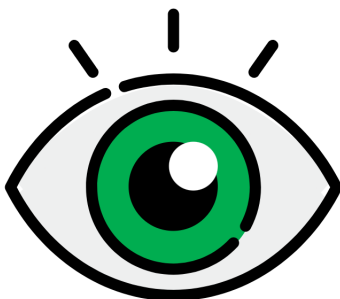
1. Print and cut out the images.
2. As you read, use tape or Velcro to attach the pictures to the corresponding pages in the book.

Check out STEMIE's tips for creating and using visual supports with

[A Guide to Visual Supports.](#)



**Cookie**



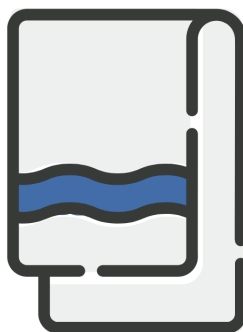
**Look**



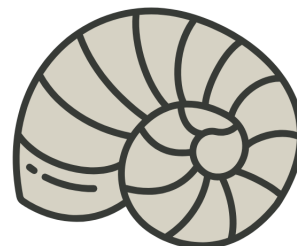
**Umbrella**



**Piano keys**



**Towel**



**Shell**



**Hill**



**Shirt**



**Need more visual cues?**

Visit [STEMIE's Visual Cue Library.](#)



# I SEE PATTERNS

ACTIVITY IDEAS FOR STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

## NOTICING PATTERNS

**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.

## What My Child Is Learning!

Children learn best by interacting with people and objects. Introduce STEM words, ask questions, and encourage them to make connections between words and real-life experiences. This helps children develop fundamental critical thinking and problem-solving skills, 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."

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.

## ADDITIONAL ACTIVITY IDEAS:

- Check out our [Discovery Play Activities](#) for Patterns in Nature, Lego Block Coding, and 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.
- Leave off the end of familiar patterns (in books and songs) and see if your child can finish them.

