In keeping with our philosophy to provide access to information for people who are blind or visually impaired, the American Printing House for the Blind provides an electronic version of this book for large print and braille readers.

Free downloadable files of the print guidebook, braille guidebook, and Checklist of Concepts are available at http://www.aph.org/manuals/index.html

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## CONCEPT CATEGORIES

### Shape [Binder 1]
- Circle; Square; Triangle; Rectangle; Oval; Star; Heart; Diamond; Straight; Curved; Underlined; X (shape) ........................................ 9

### Size [Binder 1]
- Smaller/-est; Larger/-est; Bigger/-est; Medium-sized; Longer/-est; Shorter/-est; Taller/-est; Thinner/-est; Wider/-est; Fatter/-est .................................................... 17

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- Many; Most; Least/Fewest; More; Less; Some, Not Many; As Many; Several; Few; Fewer; Every; All; None; Equal; Unequal; Almost; Half; Whole; Pair ........................................ 31
INTRODUCTION

Overview of Materials

_Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments, Color/Tactile Edition_, is an informal assessment and teaching tool for use with children with visual impairments and blindness in preschool, kindergarten, and elementary grades. It includes thermoformed sheets with pictures made from real objects to illustrate concepts related to shape, size, amount, comparison of two or more objects, position, pre-reading, and page orientation. The guidebook provides two suggested scripts/stories for each concept. These scripts can be read aloud to the child as the tactile pages are presented.

_Tactile Treasures_ was originally published by the American Printing House for the Blind in 1997. This newest edition incorporates notable updates including the addition of color, more durable tactile sheets, and a “Checklist of Concepts” for monitoring the progress of an individual child.

Instructions for Use

- Determine the presentation order of the tactile pages based upon the child’s readiness for a given concept. For your convenience a “Checklist of Concepts” is provided in this guidebook, as
well as on the accompanying CD, to track a child’s understanding of each concept.

- Always remove a tactile sheet from the binder before use and place it on a flat, secure surface within a comfortable reaching distance from the child. If desired, a sheet of non-slip material or shelf liner (e.g., Dycem®) can be placed under the sheet during presentation.

- Utilize the provided scripts to introduce each concept. In most cases, a concept is presented twice on the same tactile page. The raised bar in the center of the tactile page divides it into top and bottom halves. The top half corresponds to Script 1 and the bottom half corresponds to Script 2. Occasionally, a concept is presented only once on a given page. The tactile sheets are numbered in the lower left corner of each page in braille and incised print.

- For those pages that are divided into top and bottom halves, familiarize the child with the tactile dividing line (or raised bar) in the center of the page. Many of the concepts presented within the “AMOUNT” category in Binder II involve groups of objects. These groups are separated by dotted vertical lines. Familiarize the child with these dotted lines and how they act as separators between groups of objects.
Sometimes concepts that are synonymous in meaning (e.g., *largest* and *biggest*) are presented via the same scripts and accompanying tactile page(s). Interchange the use of these concepts.

In some cases, related concepts (e.g., *first*, *second*, *third*, and *last*) or concepts opposite in meaning (e.g., *nearest* and *farthest*) are presented on the same tactile page. Be sure to introduce all related concepts.

Before reading an accompanying script, allow time for the child to explore and describe the tactile page. Does he recognize the object(s) on the page before the script is read? Proceed to read the script that identifies the displayed object(s). Let the child respond to the script’s prompt (e.g., “Find the *longest* straw,” etc.) by touching the object that correctly answers the question. Encourage the child to explain the reason for his selection.

**Extended Activities**

Whenever possible, let the child explore the real objects mentioned in the provided scripts—a real pretzel, a real button, etc. Explore and discuss the differences between the actual objects and the thermoformed objects in a side-by-side fashion.
• Recreate the tactile page layout using real objects.

• Encourage descriptive language. Before reading the script, ask the child to describe what she feels on the tactile page (e.g., bumpy, rough, smooth, curved, pointed, etc.) and discuss similarities and differences between the objects shown.

• Compose original scripts to accompany the tactile pages that are meaningful to the child.

• Substitute the proper name(s) in the script with the child’s name or the name of someone personally known by the child.

• Introduce or reinforce concepts other than the one(s) presented in the script. For example, the following questions might be posed using the tactile page that introduces the concept of circle. What shape is to the left/right of the circle? What is the first/second/third/last shape in the row? What shape is between two other shapes? Where is the square? Where is the triangle? What shape is next to/beside the square? Are any of the shapes the same? Are there more or fewer shapes below the raised bar? Are the number of shapes above the raised bar equal to the number of shapes below the raised bar?

• Challenge the child to create a story incorporating both objects shown above and below the raised bar on the tactile page (no matter how silly the resulting tale!).
• If the child seems distracted by the tactile objects shown below the raised bar when attention should be on the tactile objects above the raised bar (or vice versa), cover the unused portion of the tactile page with a small sheet of paper.

• Use interactive tactile materials to practice and reinforce the concepts presented throughout *Tactile Treasures*. The following APH products are recommended:

  – **Picture Maker: Wheatley Tactile Diagramming Kit** (Catalog No. 1-08838-00) and related accessory packages such as **Textured Strips** (Catalog No. 1-08838-02) and **Geometric Textured Shapes** (Catalog No. 1-08838-01)
- Textured Sorting Circles and Shapes
  (Catalog No. 1-08834-00)
Circle  
Square  
Triangle  
Rectangle  
Oval  
Star  

Heart  
Diamond  
Straight  
Curved  
Underlined  
X (shape)
CIRCLE PAGE 1

SCRIPT 1
Many things in our world are shaped like a circle, such as coins, plates, cookies, and jar lids. Find a circle among these shapes.

SCRIPT 2
Brrr, it’s cold outside! I’d better button up my coat. My coat has circle-shaped buttons. Find the buttons that are shaped like circles.

SQUARE PAGE 2

SCRIPT 1
A square has four straight sides of equal length and four corners. Find a square among these shapes.

SCRIPT 2
The children wanted to have peanut butter on square crackers for a snack. Find the square crackers.

TRIANGLE PAGE 3

SCRIPT 1
A triangle has three sides and three corners. Find a triangle among these shapes.
**SCRIPT 2**
Tammy’s mother cut the sandwiches into fancy shapes for the party. Some of the sandwiches were shaped like triangles. Find the triangles among these shapes.

**RECTANGLE**  PAGE 4

**SCRIPT 1**
A rectangle has four straight sides like a square, but its sides are not all the same length. A rectangle has two long sides and two short sides. Find a rectangle among these shapes.

**SCRIPT 2**
Carlos found a box full of game pieces in the toy closet. There were round checkers, square tiles, and rectangle-shaped dominos. Find the game pieces shaped like rectangles.

**OVAL**  PAGE 5

**SCRIPT 1**
An oval has no corners and is sort of like a stretched circle. Find the oval among these shapes.

**SCRIPT 2**
Carrie’s favorite candy is jellybeans—especially the cherry-flavored kind. Jellybeans are shaped like ovals. Find the oval-shaped candy.
STAR 

SCRIPT 1
Vanessa likes playing dress-up in her fairy godmother costume with the star-shaped magic wand. Find the star among these shapes.

SCRIPT 2
Sam cut star shapes out of rolled playdough. Find the stars among these shapes.

HEART 

SCRIPT 1
The heart-shaped picture frame fell and broke while Wendy was dusting the mantel. Find the heart-shaped picture frame.

SCRIPT 2
Matthew brought heart-shaped candies to school for Valentine’s Day to share with his friends. Find the heart-shaped pieces of candy.

DIAMOND 

SCRIPT 1
Maddie’s mom lost one of her diamond-shaped earrings. Here it is! Find the earring that is shaped like a diamond.
SCRIPT 2
Dustin couldn’t wait to become a cub scout like his older brother and earn diamond-shaped badges. Find the diamond-shaped badges.

STRAIGHT PAGE 9

SCRIPT 1
A straight piece of spaghetti can quickly become a wiggly wet noodle once it is cooked. Find the straight piece of spaghetti.

SCRIPT 2
Marie and her dad were replacing some old nails on the barn. The new nails were straight, but the old nails were bent or curved. Find the straight nails.

CURVED PAGE 10

SCRIPT 1
Bart and Morgan were using toy blocks to build a road for their cars. They wanted to add some curved pieces. Find a curved block.

SCRIPT 2
Most of the track pieces in Kris’s electric train set were straight, but a few pieces were curved. Find the curved pieces of train track.
SCRIPT 1
Lucy drew a line under her favorite shape. Was Lucy’s favorite shape a square, triangle, or circle? Find the *underlined* shape and you’ll know Lucy’s favorite shape.

SCRIPT 2
Steven only colored the circles with a line under them. Find all of the *underlined* circles.

**X (shape)**

SCRIPT 1
The location of the treasure chest was marked by an *X* on the map. Find an *X* among these shapes.

SCRIPT 2
Oliver placed the *X*-shaped game pieces in a row on the Tic-Tac-Toe board. Find the *X*-shaped game pieces.
Size

Smaller/-est
Larger/-est
Bigger/-est
Medium-sized
Longer/-est

Shorter/-est
Taller/-est
Thinner/-est
Wider/-est
Fatter/-est

BINDER 1
SCRIPT 1
Christine’s ring is much *smaller* than her sister’s. Find the *smaller* ring.

SCRIPT 2
Jose hung the *smaller* of two candy canes on the tree branch. Find the *smaller* candy cane.

SCRIPT 1
Jessica glued the *smallest* button on her paper man. It made the perfect nose! Find the *smallest* button.

SCRIPT 2
The carpenter used the *smallest* screw to fasten the broken leg onto the stool. Find the *smallest* screw.

SCRIPT 1
It took more than one bite to eat the *larger/bigger* pretzel. Find the *larger/bigger* pretzel.

SCRIPT 2
Amy liked to use the *larger/bigger* pair of scissors for her art projects. Find the *larger/bigger* pair of scissors.
LARGEST/BIGGEST  PAGE 16

SCRIPT 1
Aiden dumped the coins out of his grandmother’s change purse. The largest/biggest coin was a half dollar. Find the largest/biggest coin.

SCRIPT 2
Jenna was delighted that her present was wrapped in the largest/biggest box. Find the largest/biggest box.

MEDIUM-SIZED  PAGE 17

SCRIPT 1
Troy placed three different coins next to each other on the table. His favorite coin was neither the largest nor the smallest coin. His favorite coin was the medium-sized coin. Find the medium-sized coin.

SCRIPT 2
The largest piece of chalk had never been used. The smallest piece of chalk had been used a lot. But the medium-sized piece of chalk had been used only a few times. Find the medium-sized piece of chalk.

LONGER  PAGE 18

SCRIPT 1
Juan had only two pencils in his desk drawer. The longer one he borrowed from his friend. Find the longer pencil.
SCRIPT 2
Of the two barrettes, the longer barrette held Susan’s hair better. Find the longer barrette.

LONGEST PAGE 19

SCRIPT 1
Alyssa hunted for the broken pieces of her pearl necklace. She found the longest strand of pearls under the bed. Find the longest strand of pearls.

LONGEST PAGE 20

SCRIPT 2
Antonio needed the longest drinking straw to sip the lemonade from the tall glass. Find the longest drinking straw.

SHORTER PAGE 21

SCRIPT 1
Jake’s toothbrush is shorter than his father’s toothbrush. Find the shorter toothbrush.

SCRIPT 2
Simone has two keys on her keychain. The shorter key opens the front door of her house. Find the shorter key.

Guidebook
**SHORTEST**  PAGE 22

**SCRIPT 1**
Charlie used his favorite crayon so often that it is now the *shortest* crayon in the box. Find the *shortest* crayon.

**SCRIPT 2**
Samantha helped her uncle find the *shortest* nail in the toolbox. Find the *shortest* nail.

**TALLER**  PAGE 23

**SCRIPT 1**
Mindy’s gingerbread man was *taller* than Luke’s. Find the *taller* gingerbread man.

**SCRIPT 2**
Scott pretended that the *taller* stack of blocks was an office building. Find the *taller* stack of blocks.

**TALLEST**  PAGE 24

**SCRIPT 1**
Stephanie put the *tallest* birthday candle in the center of the cake. Find the *tallest* birthday candle.

**SCRIPT 2**
The person who can make the *tallest* stack of pennies within a minute will be the winner. Find the *tallest* stack of pennies.
**THINNER**  PAGE 25

**SCRIPT 1**
One of the square picture frames was thinner than the other. Find the thinner picture frame.

**SCRIPT 2**
The thinner cord was easier to tie around the box. Find the thinner cord.

**THINNEST**  PAGE 26

**SCRIPT 1**
It was impossible to drink the thick chocolate milkshake with the thinnest straw. Find the thinnest straw.

**SCRIPT 2**
Carl wanted to use the thinnest type of noodle in his casserole. Find the thinnest noodle.

**WIDER**  PAGE 27

**SCRIPT 1**
The tongue depressor that the doctor used to examine Sean’s throat was wider than a popsicle stick. Find the wider stick.

**SCRIPT 2**
The strap on Kate’s backpack is wider than the strap on her friend’s backpack. Find the wider strap.
WIDEST PAGE 28

SCRIPT 1
Marty wanted the toy train with the widest track for his birthday. Find the widest train track.

SCRIPT 2
Francine liked the watch with the widest wristband. Find the watch with the widest wristband.

FATTER PAGE 29

SCRIPT 1
Brooke's gingerbread man is fatter than Todd's. Find the fatter gingerbread man.

SCRIPT 2
Both pretzel sticks were salted, but the fatter pretzel stick was tastier. Find the fatter pretzel stick.

FATTEST PAGE 30

SCRIPT 1
Larry wanted to use the fattest crayon to finish the coloring activity. Find the fattest crayon.

SCRIPT 2
Clair taped the fattest candy cane to the top of the present. Find the fattest candy cane.
SAME  PAGE 31

SCRIPT 1
Kelsey and Kyle bent their pipe cleaners into the same shape. Find the shapes that are the same.

SCRIPT 2
Lindsey bought some nuts from the store. Most of the nuts she chose were the same. Find the nuts that are the same.

DIFFERENT  PAGE 32

SCRIPT 1
One of the crayons in Aaron’s crayon box was different from the others. Find the crayon that is different from the other crayons.

SCRIPT 2
Valerie found some seashells on the beach, but her favorite was the one that was different from the others. Find the seashell that is different from the others.

ALIKE  PAGE 33

SCRIPT 1
There are so many different styles of toothbrushes, but the type the dentist gave out were all alike. Find the toothbrushes that are alike.

Tactile Treasures
Before Lydia went swimming, she pulled her hair back with two barrettes. The barrettes she wore were alike. Find the barrettes that are alike.

Josh thinks that both keys must open the same door because they match. Find the keys that match.

Carmen found at least two earrings in her messy jewelry box that match. Find the earrings that match.

Ben’s mouth watered when he smelled the doughnut with chocolate sprinkles. Find the doughnut with chocolate sprinkles.

Dad found a screw with some nails on top of his workbench. Find a screw with some nails.
**SCRIPT 1**
Holly still has all of the cups to her tea party set, but one of the cups is broken and *without* a handle. Find the cup *without* a handle.

**SCRIPT 2**
Nathan likes pretzels *without* salt. Find the pretzel *without* salt.

---

**SCRIPT 1**
Whoops! Anthony just dropped one of his gingerbread man cookies on the floor. An arm and leg broke off. That’s okay...he can eat the *other* gingerbread man cookie. Find the *other* gingerbread man cookie.

**SCRIPT 2**
Kara had three cookie cutters she could use to make her cookies. She didn’t want to use the heart-shaped cookie cutter. She didn’t want to use the star-shaped cookie cutter either. She wanted to use the *other* cookie cutter. Find the *other* cookie cutter.
NOTE: Many of the concepts presented within the “AMOUNT” category involve groups of objects. These groups are separated by dotted vertical lines. Familiarize the child with these dotted lines and how they act as separators between groups of objects.
**SCRIPT 1**
Gayle made a wreath by gluing uncooked macaroni onto a circular piece of cardboard. It took many pieces of macaroni to finish her wreath. Find the group that has many pieces of macaroni.

**SCRIPT 2**
Many nails are needed to fix the porch floor. Find the group that has many nails.

**SCRIPT 1**
At the fall festival, Yan won a prize during the pumpkin carving contest for gathering the most pumpkin seeds. Find the group that has the most pumpkin seeds.

**SCRIPT 2**
Shawna was such a slow eater! She had the most Cheerios left in her breakfast bowl. Find the group that has the most Cheerios.
LEAST/FEWEST  PAGE 40

SCRIPT 1
Although Alexander found the least/fewest number of seashells on his family’s trip to the beach, his seashells were by far the most interesting. Find the group that has the least/fewest number of seashells.

SCRIPT 2
Briana is the youngest in her family and has the least/fewest number of candles on her cake. Find the group with the least/fewest number of candles.

MORE  PAGE 41

SCRIPT 1
One doughnut had more sprinkles than the other. Find the doughnut with more sprinkles than the other.

SCRIPT 2
There were more rings in one box than there were in the other boxes. Find the box that has more rings than the other boxes.

LESS/FEWER  PAGE 42

SCRIPT 1
One of the hair combs has less/fewer teeth than the others. Find the comb with less/fewer teeth than the others.
SCRIPT 2
There were *less/fewer* beads on Jan’s bracelet than there were on Lynn’s. Find the bracelet with *less/fewer* beads than the other.

SOME, NOT MANY  PAGE 43

SCRIPT 1
Trent was disappointed to find only *some, not many* dimes in his pocket. Find the group that has *some, not many* dimes.

SCRIPT 2
Cassie wore *some, not many* rings on her fingers. Find the group that has *some, not many* rings.

AS MANY  PAGE 44

SCRIPT 1
There are *as many* Cheerios in one box as there are in another. Find a box that has *as many* Cheerios as another box.

SCRIPT 2
There are *as many* sprinkles on one doughnut as there are on another. Find a doughnut that has *as many* sprinkles on it as another doughnut.

Guidebook

33
When trick-or-treaters came to her door on Halloween night, Johanna gave each goblin several pieces of bubble gum. Find a group that has several pieces of bubble gum.

There were several pushpins on Ted’s cork board. Find a group that has several pushpins.

Elizabeth needed only a few buttons to sew onto a sock to make the eyes and nose of her hand puppet. Find the group with a few buttons.

Wesley’s grandmother told him that he could eat just a few pieces of candy before dinner. Find the group with a few pieces of candy.
EVERY PAGE 47

SCRIPT 1
Ashley and Jim helped each other pick up the dropped game pieces. Ashley picked up every game piece shaped like a circle. Find the group in which every game piece is shaped like a circle.

SCRIPT 2
Every cup on the shelf had a handle. Find every cup with a handle.

ALL PAGE 48

SCRIPT 1
Casey removed all of the bent nails from the toolbox. Find the group in which all of the nails are bent.

SCRIPT 2
Rob hadn’t taken a single bite of his gingerbread man cookie. All of it was still on his plate. Find the gingerbread man that is all there.

NONE PAGE 49

SCRIPT 1
Oliver’s baby sister yanked on his mother’s necklace so hard that it broke, sending the pearls rolling and bouncing on the floor. None of the pearls were left on the necklace. Find the necklace with none of its pearls.
None of the buttons on Kelly’s sweater were square. Find the group in which none of the buttons are square.

Two of the bracelets had an equal number of beads. Find two bracelets with an equal number of beads.

Mike and Katie found an equal number of seashells on the beach. Find two groups with an equal number of seashells.

The children separated the candy pieces into three groups, but the number of candy pieces in one group was unequal to the number of candy pieces in the other groups. Find the group of candy pieces that is unequal in number to those in the other two groups.

The number of bubble gum pieces was unequal to the number of lollipops. Find the group in which there is an unequal number of bubble gum pieces compared to the number of lollipops.
ALMOST PAGE 52

SCRIPT 1
Lucy found an old comb in the bathroom drawer that was missing almost all of its teeth. Find the comb that is missing almost all of its teeth.

SCRIPT 2
It was taking Chad a long time to eat his candy cane, but it was almost gone. Find the candy cane that is almost gone.

HALF PAGE 53

SCRIPT 1
Peter broke his oatmeal cookie in half and shared it with his best friend. Find half of a cookie.

SCRIPT 2
Shannon zipped her jacket half way up on the breezy day. Find the zipper that is zipped half way up.

WHOLE PAGE 54

SCRIPT 1
To Melissa’s delight, the whole doughnut was covered with chocolate sprinkles. Find the whole doughnut covered with chocolate sprinkles.
Max wanted to eat a whole gingerbread man cookie... not just part of one. Find a whole gingerbread man cookie.

After searching through the box of old toys, Stacy finally found a doll with a pair of legs. Most of the old dolls were missing a leg and sometimes an arm or two. Find the doll with a pair of legs.

Neil carved a pair of triangles in the pumpkin to make the jack-o’-lantern’s eyes. Find a pair of triangles.
### Position

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<td>Left</td>
<td>End</td>
</tr>
</tbody>
</table>

**BINDER 3**
SCRIPT 1
The ball bounced a few times and landed inside the box. Find a ball inside the box.

SCRIPT 2
There were many circles on the page, but only one had an X inside of it. Find a circle with an X inside of it.

OUTSIDE PAGE 57

SCRIPT 1
Adam tried many times to roll the marble inside of the circle on the floor, but it kept landing outside of the circle. Find a marble that is outside of a circle.

SCRIPT 2
The children were asked to glue the macaroni inside of the triangle for their art project, but some forgot and glued the macaroni outside of the triangle. Find the macaroni that is outside of a triangle.

AROUND PAGE 58

SCRIPT 1
Nina made the door of her gingerbread house with a rectangle-shaped cookie. She put candy pieces around the cookie. Find candy pieces around the rectangle-shaped cookie.

Tactile Treasures
SCRIPT 2
The jeweler carefully placed the bracelet around the ring in the gift box before wrapping it. Find a bracelet that is around a ring.

OVER/ABOVE PAGE 59
SCRIPT 1
C.J. held a sugar cube over/above the hot coffee cup and counted to three before he let it drop into the cup. Find a sugar cube that is over/above a cup.

SCRIPT 2
Sheila made a house with her cardboard shapes. She placed a triangle over/above a square to make the roof. Find a triangle that is over/above a square.

UNDER/BELOW PAGE 60
SCRIPT 1
Lucia thought the triangle under/below the circle looked like an ice cream cone with one scoop of ice cream. Find a triangle that is under/below a circle.

SCRIPT 2
Ben hung the heart-shaped picture frame under/below the square picture frame. Find a heart-shaped picture frame that is under/below a square picture frame.
**BETWEEN**  PAGE 61

**SCRIPT 1**
Rusty made a make-believe town with his blocks and toy train track. He put the train track *between* his blocks. Find a train track that is *between* blocks.

**SCRIPT 2**
Fran’s necklace had a large bead *between* two small beads. Find a large bead that is *between* small beads.

**THROUGH**  PAGE 62

**SCRIPT 1**
Keisha made her own necklace by putting a string *through* some beads. Find a string going *through* some beads.

**SCRIPT 2**
Henry was acting silly at the breakfast table and put his juice straw *through* his Cheerios. Find a straw going *through* some Cheerios.

**AWAY FROM**  PAGE 63

**SCRIPT 1**
Vincent placed the seashell that he wanted to keep *away from* the other seashells. Find the seashell that is *away from* the other seashells.
AWAY FROM PAGE 64

SCRIPT 2
Dana shook all of the coins out of her piggy bank onto the floor to count them, but one of the coins rolled away from the others. Find a coin that is away from the other coins.

NEXT TO/BESIDE PAGE 65

SCRIPT 1
Phillip had only a coin and a key in his shirt pocket. He pulled the coin and key out of his pocket and placed them next to/beside each other on the counter. Find a coin that is next to/beside a key.

SCRIPT 2
Kaitlyn placed the jigsaw puzzle pieces next to/beside each other to find out if they fit together. Find the jigsaw puzzle pieces next to/beside each other.

NEAREST/FARthest PAGE 66

SCRIPT 1
When Monica’s jewelry box fell on the floor, some of her rings fell out. Find the ring that is nearest to the box. Find the ring that is farthest from the box.
NEAREST/FARLEST  PAGE 67

**SCRIPT 2**
The winner of the game tossed the coin *nearest* to the string. Find the coin that is *nearest* to the string. Find the coin that is *farthest* from the string.

SEPARATED  PAGE 68

**SCRIPT 1**
The square is *separated* from the circle by a dotted line. Find a square that is *separated* from a circle by a dotted line.

**SCRIPT 2**
A dotted line *separated* one group of circles from another group of circles. Find the groups of circles *separated* by a dotted line.

TOP  PAGE 69

**SCRIPT 1**
Jamaal tried to balance the marble on *top* of the block. Find a marble on *top* of a block.

**SCRIPT 2**
Francine signed her name on the *top* line. Find the *top* line.
**SCRIPT 1**
Min was worried that the bottom of the cup might scratch the table top. Find the bottom of the cup.

**SCRIPT 2**
Louisa pushed the bottom of the candle into the birthday cake. Find the bottom of the candle.

**SCRIPT 1**
Bryan placed the clean teacups upside down on the shelf. Find the cup that is upside down.

**SCRIPT 2**
Chloe giggled when her baby brother tried to hang an upside-down candy cane on the tree branch. Find an upside-down candy cane.

**SCRIPT 1**
Trina always turns her teacup so that the handle is on the right before she picks it up. Find the teacup with the handle on the right.
A doughnut, pretzel, and a gingerbread man cookie are on the snack counter. Hannah wanted the snack to the right of the pretzel. Find the snack that is to the right of the pretzel.

Yvonne laid the triangle to the left of the circle. Find a triangle that is to the left of a circle.

A screw, a coin, and a key were placed on the table. Was the screw or key placed to the left of the coin?

The middle/center button on Bradley’s sweater was loose. Find the middle/center button.

There is a knot in the middle/center of the rope. Find the rope with a knot in the middle/center.
**SCRIPT 1**
As Abby counted the gumdrops, she placed them in a row/line. Find a row/line of gumdrops.

**SCRIPT 2**
The seamstress sewed a row/line of tiny satin buttons down the back of the wedding dress. Find a row/line of buttons.

**FIRST/SECOND/THIRD/LAST PAGE 76**

**SCRIPT 1**
Luke laid some seashells in a row on his beach towel. Find the first seashell in the row. Find the second seashell in the row. Find the last seashell in the row. Find the third seashell in the row.

**SCRIPT 2**
From left to right, Kristi put four cookie cutters on the counter in the order she wanted to use them. Find the first cookie cutter that Kristi wanted to use. Find the last cookie cutter that Kristi wanted to use. Find the third cookie cutter that Kristi wanted to use. Find the second cookie cutter that Kristi wanted to use.
SCRIPT 1
Dean placed his cardboard shapes in a row. Find the shape at the beginning of the row. Find the shape at the end of the row.

SCRIPT 2
Dominique was thrilled that there was a row of star-shaped stickers next to her name on the classroom chart. Find the star at the beginning of the row. Find the star at the end of the row.
In art class, Bridget made a collage of some of her favorite foods. She glued a Cheerio in each corner. Find a Cheerio in each corner of the collage. Along the top and bottom of the collage, she glued M&Ms. Find the M&Ms along the top of the collage. Find the M&Ms along the bottom of the collage. Along the right and left sides, she glued macaroni. Find the macaroni along the left side of the collage. Find the macaroni along the right side of the collage. She glued a pretzel in the center/middle of the collage. Find the pretzel in the center/middle of the collage.
SCRIPT 2
Jeremy designed his own gift wrapping paper by decorating it with different shapes. He put a circle in each corner of the paper. Find a circle in each corner of the paper. He then added some triangles along the top and bottom of the page. Find the triangles along the bottom of the page. Find the triangles along the top of the page. Next he decorated the right and left sides of the paper with squares. Find the squares along the left side of the paper. Find the squares along the right side of the paper. He finished by putting a diamond in the middle/center of the paper. Find the diamond in the middle/center of the paper.

FRONT/BACK PAGES 78–79
Using either of the “Pre-Reading” tactile pages, introduce or review the concepts of front and back of a page. Have the child notice that the front of the page is the bumpier side with the raised pictures. Then have the child notice that the back of the page has indented shapes.
# TACTILE TREASURES
## CHECKLIST OF CONCEPTS

**Student’s Name:**
**Date:**

Use the following rating scale to indicate the student’s current knowledge of each concept:

1 = Beginning knowledge of concept  
2 = Developing knowledge of concept  
3 = Mastery of concept

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### Pre-reading continued

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