

SAMPLE PAGES

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Preschool Math at Home activity cards & printables

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How to Use This Resource

This resource is full of fun, easy-prep math activities to do at home with your preschooler! I encourage you to do one or more activities with your child each weekday. Or, if it works better for your schedule, do 2-3 activities a few days each week. I recommend spending 5-20 minutes at each session. Consider printing and using the recording sheets (p.5-6) to keep track of the activities you've done.

In general, the skills are listed in order from simple to more complex:

- Sorting & Matching
- Colors
- Counting from 0-5
- Shapes
- Positional Words
- Counting from 0-10
- Number Recognition from 0-10
- Subitizing
- Size & Measurement
- Patterns
- More & Less
- Graphing
- Counting from 0-20
- Estimation
- Money
- Addition & Subtraction
- Number Formation

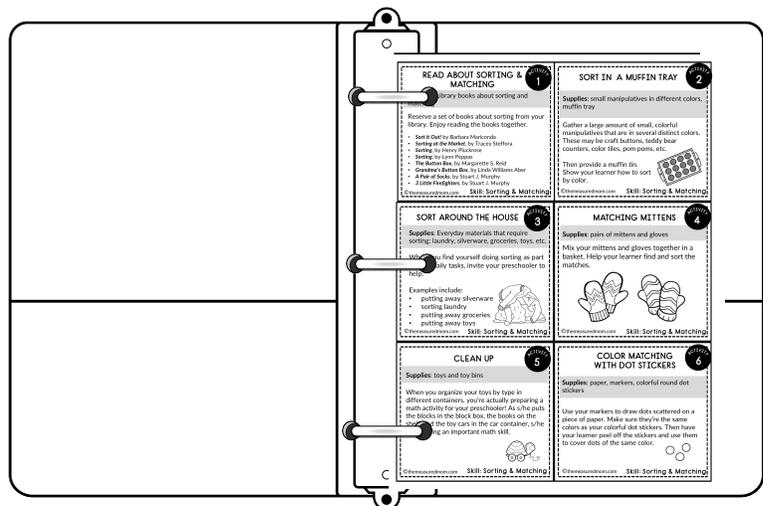
This resource includes 6-18 activities for each skill. You will also find that the first activities for a skill are usually simpler than the last ones.

You have two options when printing the resource:

- **Option 1** : Print the cards, laminate, and cut apart. Then punch a hole in the corner, and store them on a metal ring. This takes a little bit of prep time, but it takes less storage space and makes the cards fun to use. You might use this method if you don't plan to use the optional printables.
- **Option 2**: Print the cards, and put the pages in a 3-ring notebook. If you plan to refer to the introductory pages and/or plan to use all or most of the optional printables, this option would make the most sense.



Option 1



Option 2

Sample Activity Cards

HOW TO TEACH Shapes



About this skill

When children distinguish between shapes, they are observing how the objects are the same and how they are different. This skill of visual discrimination is very important; children will need it when learning letters and numbers.

Just as with colors, your child will likely be able to sort objects by shape before s/he knows the shape names. It takes time for children to learn the names of shapes and to name specific properties of shapes – such as how many sides they have.

What your learner needs to know

Children entering kindergarten should be able to recognize and name the four basic shapes: square, circle, triangle, and rectangle.

Children should also be able to match and sort shapes.

Beyond the basics

Teach your child to identify and name other shapes beyond the basic four: oval, heart, star, crescent, and rhombus (diamond).

You can also teach your child about 3D shapes: cube, pyramid, sphere, cone, cylinder, rectangular prism, and triangular prism.

Another idea is to search for “symmetry activities preschool” on [Pinterest.com](https://www.pinterest.com), and do some of the activities and crafts with your child.

READ BOOKS ABOUT SHAPES

ACTIVITY
43

Supplies: Library books about shapes

Reserve a set of books about shapes from your library. Enjoy reading the books together and naming the shapes in the pictures.

- *I Spy Shapes in Art*, by Lucy Micklethwait
- *Mouse Shapes*, by Ellen Stoll Walsh
- *Round is a Mooncake*, by Roseanne Thong
- *So Many Circles, So Many Squares*, by Tana Hoban
- *Shapes, Shapes, Shapes*, by Tana Hoban
- *Color Zoo*, by Lois Ehlert
- *Shape by Shape*, by Suse MacDonald

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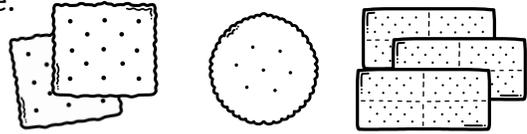
Skill: Shapes

SORTING SNACKS

ACTIVITY
44

Supplies: cereal in distinct shapes (Chex, Cheerios, mini shredded wheat, etc.) or different shaped crackers

Give your learner a bowl of different types of cereal or crackers that are in distinct shapes. Then have him/her sort them by shape.



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Skill: Shapes

SHAPE COLLAGE

ACTIVITY
45

Supplies: Construction paper scraps cut in various shapes, paper, glue

Prepare a set of triangles, circles, squares, and rectangles from construction paper scraps. Make sure the shapes are in different colors and sizes. Then give your learner a piece of paper and glue stick. S/he can use the shapes to create a shape collage or scene.

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Skill: Shapes

COOKIE CUTTER STAMPING

ACTIVITY
46

Supplies: Paper, cookie cutters in various geometric shapes, and washable paint

Have your learner dip the cookie cutters into paint and then use the cutters to make prints. If possible, collect cutters of various sizes in the same shape to make a collage. This works especially well with circles - you can use lids, canning rings, cookie cutters, etc.



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Skill: Shapes

SHAPES WITH BLOCKS

ACTIVITY
47

Supplies: Large piece of paper, marker, wooden blocks in different shapes

Trace the base of wooden blocks on a large piece of paper. Then have your learner match each block to its outline. While this may not focus on specific geometric shapes (depending on the shapes of your blocks), it's a good problem solving activity.

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Skill: Shapes

SHAPE MONSTER CRAFT*

ACTIVITY
48

Supplies: Cardstock & marker (or printables, p. 62-70), construction paper, googly eyes (and other craft scraps) glue stick, crayons

Give your learner a shape that you've drawn and cut from cardstock (or print any of pages 62-70 on colorful cardstock and cut out the shapes). Then invite him/her to make a shape monster. Your learner can color the shape and add eyes, arms, legs, antennae, etc.

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Skill: Shapes

FINE MOTOR SHAPES*

ACTIVITY
49

Supplies: paper & marker (or printables, p. 62-70), small manipulatives (such as buttons, small glass gems, etc.)

Draw a large shape on a piece of paper (or use the printables, p. 62-70). Have your learner place small manipulatives all along the border. This builds an understanding of shape and builds fine motor skills at the same time.

Good manipulatives to use: buttons, dice, colorful glass gems, etc.

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Skill: Shapes

ERASE CHALK SHAPES

ACTIVITY
50

Supplies: Chalkboard, chalk, paintbrush, water

Draw basic shapes on a chalkboard using chalk. Then help your learner identify each shape. Invite him/her to erase each shape using a paintbrush dipped in water.



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Skill: Shapes

MAKE A SHAPE CRAFT

ACTIVITY
51

Supplies: Construction paper, scissors, glue, computer

Search Pinterest.com for a simple shape craft that your learner can assemble after you cut apart the pieces. Here are some ideas to try:

- Shape house: <http://bit.ly/2oOxN2x>
- Shape penguin: <http://bit.ly/2i4UQVW>
- Shape bird: <http://bit.ly/2oMzrBI>
- Melted Snowman shape craft: <http://bit.ly/2oOpPXf>

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Skill: Shapes

ONE PLAYER BINGO*

ACTIVITY
52

Supplies: Paper & marker (or printable, p. 71) and small counters

Draw a basic 3 x 3 grid on a piece of paper. Then draw a simple shape in each space (or use the printable p. 71). Give your learner a set of counters. Then call a shape one at a time. S/he should cover each shape as you call it and shout "bingo" when s/he has five in a row. (Note: Some shapes will be on the board more than once.)

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Skill: Shapes

SORT BY SHAPE*

ACTIVITY
53

Supplies: Paper & marker (or printables, p. 62-70), household objects in various shapes

On a piece of paper, draw a large shape (or use any of the printables, p. 62-70). Then collect household objects that match each shape. Have your learner sort by shape. S/he can place each object near the paper whose shape it matches.

Ideas for objects: roll of tape, round lid, toy cymbal, button, cap, googly eye, book, post-it notes, coin, calculator, toy food in various shapes, etc.

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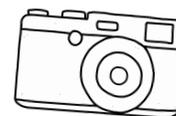
Skill: Shapes

SHAPE PHOTO BOOK

ACTIVITY
54

Supplies: Camera, hole punch, metal ring

Go on a scavenger hunt around your house, yard, or neighborhood. Be on a lookout for shapes in everyday life. As your learner points them out, take a picture. When you have the photos printed, simply punch a hole in the top left corner and connect with a metal ring. Then look through the "book" together and name the shapes you see.



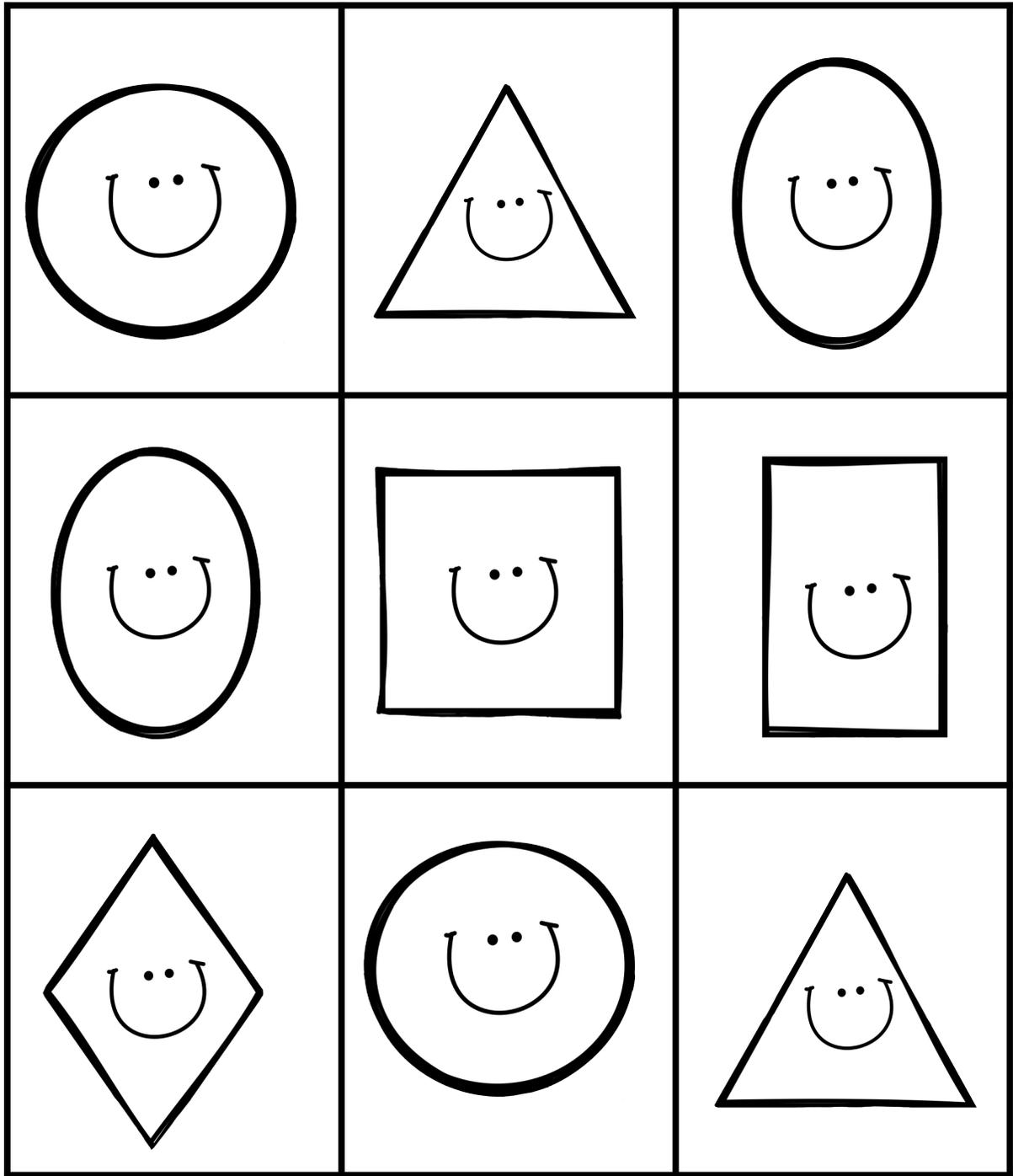
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Skill: Shapes

A * means that a corresponding printable is included in this file.

Sample Printables

Shape BINGO

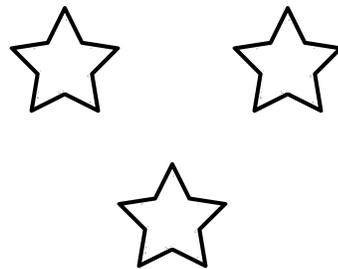


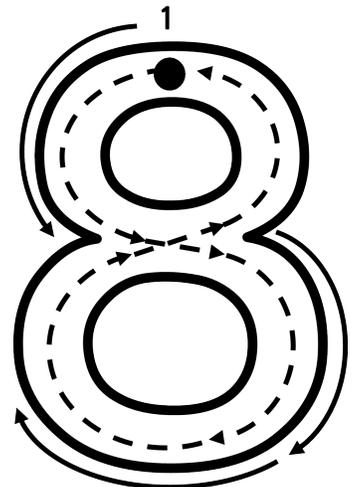
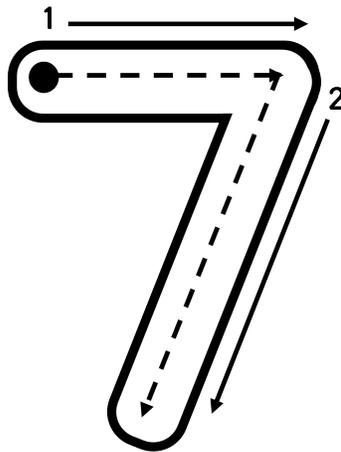
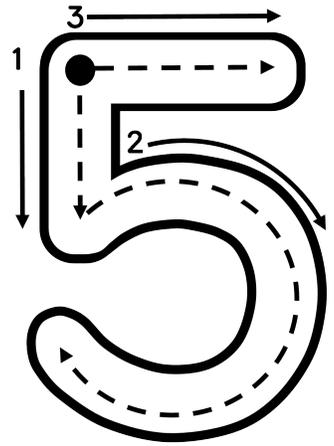
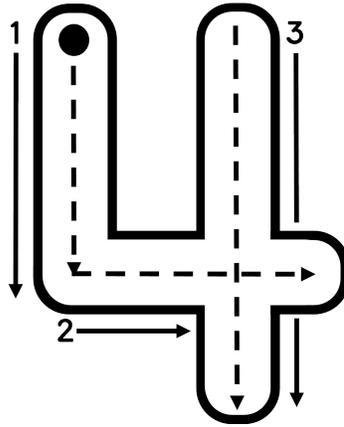
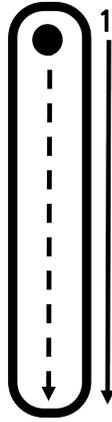
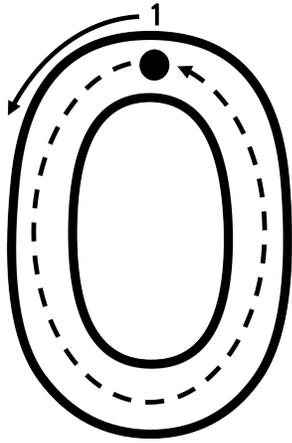
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1

2

3





1

3

5

7

9

11

2

4

6

8

10

12

Draw a picture of
what you will
measure.

How many blocks tall
do you think the
object will be?

Measure. How
many blocks tall
is the object?

Get the full bundle here!

Preschool Math at Home

162 Low-Prep Math Activities
EASY FOR PARENTS & FUN FOR KIDS

The image displays a collection of activity cards for preschool math. The cards include:

- READ ABOUT SORTING & MATCHING**: Supplies: Library books about sorting and matching. Reserve a set of books about sorting from your library. Enjoy reading the books together.
- Sort in a Muffin Tray**: Supplies: 6 muffin tins in different colors.
- Sort Pom Poms by Size**: Supplies: 3 clear jars (one small, one medium, and one large) and pom poms in varying sizes. Have your learner sort different-sized pom poms into small, medium, and large jars. To make this a fine motor activity, have him/her use tongs to transfer the pom poms.
- Sort Around the House**: Supplies: Everyday materials that require sorting: laundry, silverware, groceries, toys, etc. When you find yourself doing sorting as part of your daily tasks, invite your preschooler to help.
- Sort Puzzle Pieces**: Supplies: 3 or more toy puzzles. Dump out the pieces from favorite kids' puzzles. Put them in one big pile. Together, sort the pieces as you complete each puzzle. To keep this activity simple, use the pieces from basic wooden puzzles rather than the tougher cardboard jigsaw puzzles.
- Punch, Sort & Glue**: Supplies: Paper divided into sections (or use the primary colors), small paper punch, glue stick.
- Beads & Pipe Cleaners**: Supplies: Pipe cleaners and a bowl of pony beads in different colors. Have your learner string the pony beads onto the pipe cleaners. One pipe cleaner should have all yellow beads, another all blue beads, etc.
- Sort Toy Animals**: Supplies: Toy animal figures. Gather your small toy animal figures, and work together to decide on a sorting rule. Then sort the toy animals together.

A cartoon boy with dark skin, wearing a red shirt and blue shorts, stands in the center holding a pencil. At the bottom right, there is a logo for 'the measured mom' with a scale icon.