

# Logic and Geometry

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Preschool math skills range from number sense, addition, subtraction, to geometry and logic. Children at this stage are naturally curious about the world around them and are quickly developing language skills to communicate what they are seeing. At this level, they will be able to identify and name simple shapes like square, circle, and triangle. Pointing these shapes out to your child in everyday life is a great way to encourage the discovery of geometric shapes around us. You may find that your child naturally begins to group and sort items that have similarities.

## Matching and Sorting

Sorting and grouping are another set of developmental mathematical skills that are the foundation of which other math skills will be built on. At home and at school, children may sort toy cars based on size or color. In this section, you will find many activities that ask your child to compare, match and sort objects in a variety of ways.

This video is a great introduction to comparing objects using categories such as size, shape and color.



Watch on [YouTube](#)

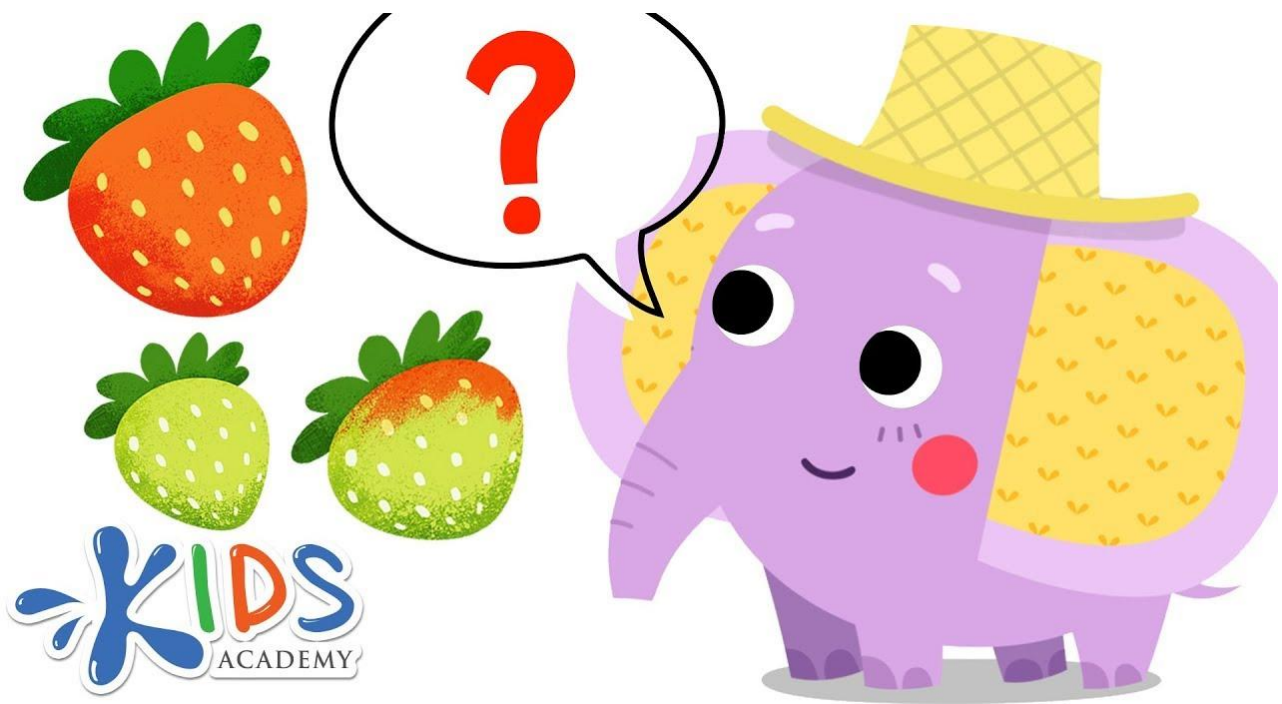
Building on the video students can practice matching up pairs of gloves!

# Matching pairs

Circle the glove that looks exactly the same as the one on the left.



Your child will take a trip to the garden in this fun video demonstrating sorting objects based on color and size!



Watch on [YouTube](#)

In this fun Three Little Pigs themed worksheet, your child will help the pigs match their brush to the correctly colored bucket of pain.

## Identify and Match Colors with the Three Little Pigs

The three little pigs are all set to paint their new houses. Look at the pictures on the left. Then draw a circle around the correct bucket with paint.



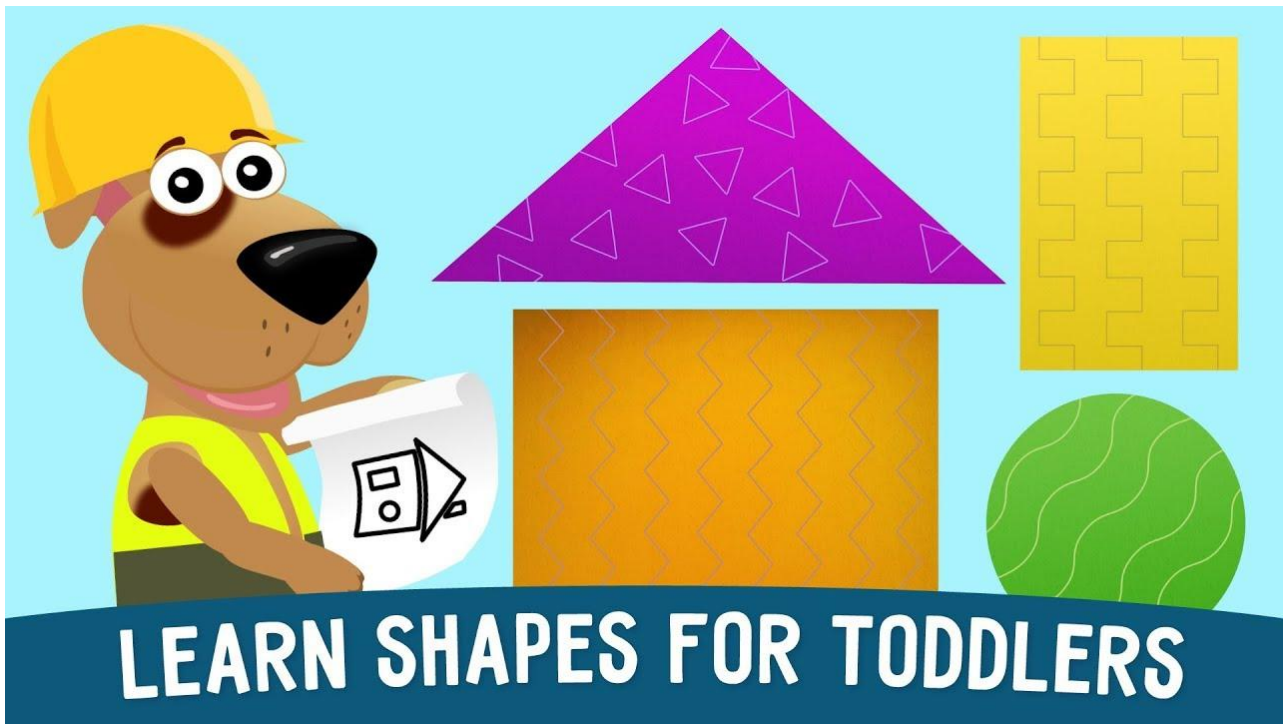
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## Shapes

Children at this age will begin to recognize simple shapes and make connections between different objects that have those shapes. As they move up in grades, they will be asked to identify the attributes of each shape in order to identify them. At the pre-k level, students will learn to identify and draw shapes and to identify them regardless of color.

Anytime you can make a connection between math and the real world, deeper learning will take place. In this video, your child will identify shapes that are found in a house.

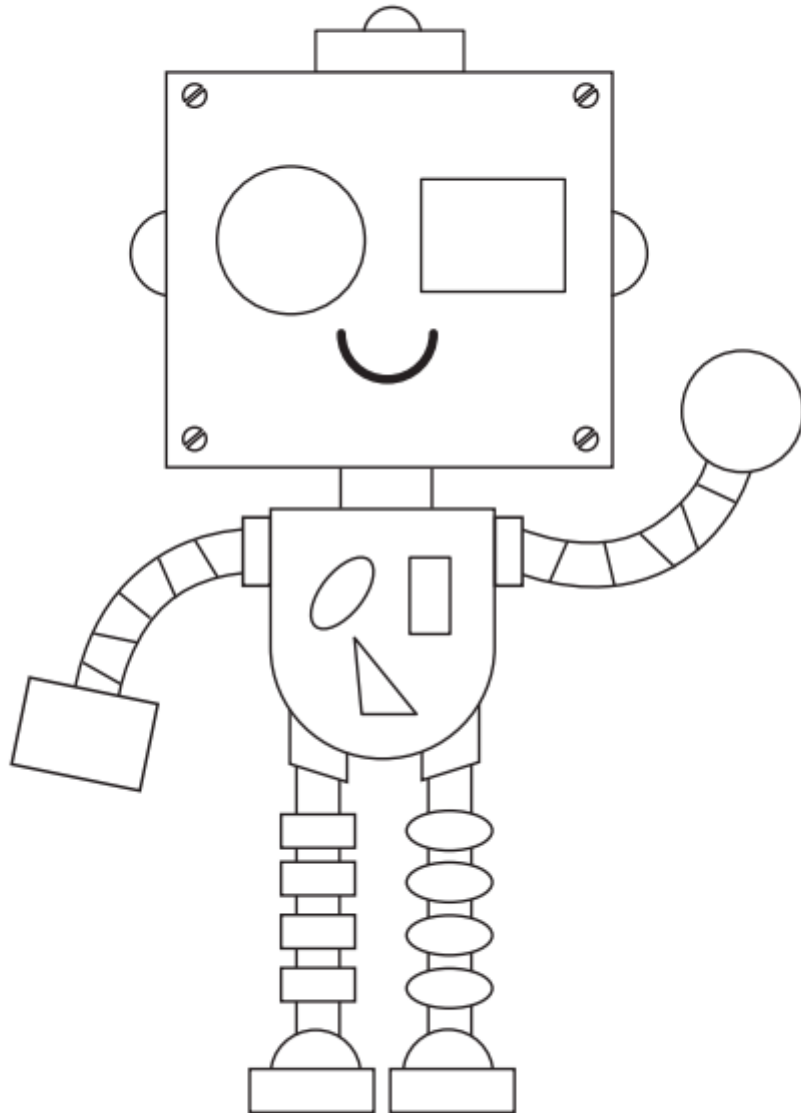


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# Preschool Geometry: Color the Rectangles!

This is a rectangle.  It has four sides.

Look at the robot. Find and color all of the rectangles.



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Your child will get fine motor skill practice while identifying rectangles with this fun robot activity page.

## Data

In our collection of articles on data for preschoolers, you will find various activities in which your child can practice skills such as comparing weight, length, and identifying what it means to be “first” and “last.”

This fairytale themed activity will have your child comparing length and size.

# Let's Compare!

Look at the pictures. Then draw a circle around the correct answer.

Which beanstalk is the **tallest**?



Which king robe is the **shortest**?



Which bear is the **biggest**?



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Remember that your child will learn best when you encourage them to use these math skills everyday. Asking them to find shapes in their environment, compare the size of toys, and sorting blocks are great ways to practice these early math skills. Use our interactive catalogue to find more resources to help your child learn and grow!

By: Nora Brown

Elementary School Teacher

