



## PRESCHOOL

### Math Everywhere!

By talking with your child, using 'math' words, you are encouraging her to think with curiosity and help to investigate things around her. A few of these words include same, different, large, small, up, over, down, under, etc. The important thing is by including these words in your daily communication, your child will learn the math concepts over time.



#### Stamping Numbers

On a sheet of cardstock, draw some numbers using a thick felt tip pen. Give your child some cute kawaii stamps or other ink stamps then ask him to stamp along the lines of each number. As he prints along each line, talk about what each number is or say, "Hey, let's do the next stamp. Onto number two!"

#### Same and Different

- Find a variety of things around your home and have your child sort the items. Examples...buttons, old keys, paper, rocks, yarn, etc.
- After your child has sorted the items, ask her to explain how she sorted them. How are they alike? How are they different?

#### Sort With Shoes

- Have your child collect everyone's shoes from around the house. Ask him to sort them according to their color. Talk to your child having him name the colors.
- Next ask him to sort by slip-on or tie.
- Next, sort them by size. Have your child line the shoes up from smallest to largest.
- Ask your child to come up with other ways to create groups using a variety of items in your home.

#### Weather Math

During the month of September, use weather to compare and contrast the following math concepts:

*(continued)*



Please see below for some additional activities that you could try with your child.



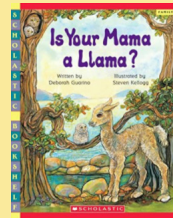
- Take the temperature at the same time every day for the month of September. Record the temperature in a notebook or a place of your child's choice.
- Look outside and record what the sky looks like each day . . . lots of sun, clouds, raining, etc.
- Have your child describe what the weather feels like when it is windy? When the sun is shining? Can you smell the rain? Do we dress differently today because of the weather. Great discussion questions to start the weather conversation.
- At the end of the month, compare and contrast the numbers and description of the day. What did you determine? What changed? What was the difference the beginning of the month and the end of the month? Ask your child if she sees a pattern happening.
- Does he hear a pattern in a song that you sing or a book that you read before bedtime?
- Have your child make patterns to see his understanding.
  - Start with two patterns using buttons, colored paper, beaded necklace, etc.
  - Write out a few letters on a piece of paper and ask if he can continue the pattern...ab, ab, ab...
  - Use songs to carry out the concept, also. A great example is 'There Was an Old Lady Who Swallowed a Fly'. Every time you sing the next verse, you add one.

## Patterns

Looking for patterns is a math concept that can be utilized in many places. Patterns are sequences in which several objects follow a recognizable order. Look for patterns in your house and activities that are happening in the house.

- Have your child observe the flooring in your home. Does he see a pattern in the tile? The hard wood floor?
- Does he see a pattern on the material of any furniture?
- Is there a pattern on the dishes you use for dinner?

## Books To Encourage Math Concepts



*Is Your Mama a Llama?*  
by Deborah Guarino



*Sorting at the Market*  
by Tracey Steffora



*Come on Rain!*  
by Karen Hesse

\*Activities should be done under the supervision of an adult or older sibling.