

## Identify Shapes

- ❖ A question a day: "Find 3 things around the house that are circles (squares, triangles, rectangles, and circles).
- ❖ Look for shapes on billboards and signs.

## Number Recognition

- ❖ Look for numbers on billboards, car tags, and signs.
- ❖ Mom/Dad randomly writes the numbers 1- 10 on a piece of paper. Call out a number and have the child place a penny on it. Repeat until all numbers are covered with pennies.
- ❖ Practice writing the numbers 1 to 10. You can do this with shaving cream spread on a cookie sheet or when playing in a sand box.
- ❖ Paint by numbers.
- ❖ Place letters and numbers in order using magnetic letters on the refrigerator.
- ❖ Read and count - Prep work: On one side of an index card write a number (between 1 and 10). On the other side of the card place stickers in the same amount. Write the number on a small container (like a paper cup).  
Activity - Pick one card. Read the number (or count sticker) then find the container with the same number and count the same amount of objects into the cup.

## Sorting

- ❖ Sort household objects - toys, coins, buttons - by color, size, shape.
- ❖ Use a bag of Skittles, M&Ms or Reese's candy and sort by colors. Graph the results of the colors. Which color has the most? The least? Are there any colors that have the same amount?

## Patterns (ABAB, ABCABC, AABAAB, ABBABB, etc.)

- ❖ Use household objects to create patterns - coins, forks, spoons, rocks, beans, buttons, leaves, sticks, keys, noodles, etc.
- ❖ Use Skittles, M&Ms or Reese's candy to make different patterns.
- ❖ Create a pattern and let your child complete the next two or three parts.
- ❖ Create macaroni patterns - glue colored macaroni onto strips of paper.  
Pattern Challenge - Create half the pattern and then exchange with partner- each must finish the others pattern.

## Counting

- ❖ Count forward to 30.
- ❖ Count backwards from 10.
- ❖ Count steps and windows at home and wherever staying on vacations.
- ❖ Count the number of rectangles, circles, squares, etc. in your room.

- ❖ Count the number of doors in your house.
- ❖ Roll a die and count the number of dots. Count out that many Legos and make a stack. Then the next player goes. Who has the tallest tower?
- ❖ Write numbers on stickers (round price stickers for garage sales work well) and glue into the bottom of egg cartons. Place a bag with small objects with the carton. Students can read number and count that many objects into egg cups.

## Comparing

- ❖ Make 2 groups of small items - candy, cereal, buttons, etc. Which group has more? Less? The same?
- ❖ Play "War" and see who can get the most cards.

## Calendar

- ❖ Say the days of the week in order.
- ❖ Say the months of the year in order.
- ❖ Point to today on a calendar. What day is today? What day is tomorrow? What day was yesterday?
- ❖ Keep a weather bulletin board and keep track of sunny, rainy, and cloudy days.
- ❖ Graph the number of days in a week that are sunny, rainy, or cloudy.
- ❖ What do you do in the morning? Afternoon? Evening?

### Positions

- ❖ Tell where objects are located in room - above, behind, in, on, in front of, below, between, top, bottom, right, left.

### Money

- ❖ Use a piggy bank or cup of change to practice naming coins and their value.
- ❖ Put money in a sock. Pull out one coin at a time. If you can say the name of the coin and the amount, then you get to keep it.

### Measurement

- ❖ Keep a growth chart. Measure and record your height every two weeks. How tall were you at the beginning of the summer? The end of the summer? How much did you grow?
- ❖ Go to the grocery store and help weigh the fruits and vegetables.
- ❖ Compare different sizes and weights of food containers - longer, shorter, heavier, lighter, smaller, bigger, holds the most, holds the least.

### Problem Solving

- ❖ Put puzzles together.

### Games

- ❖ Bingo
- ❖ Candyland
- ❖ Chutes and Ladders
- ❖ Crazy 8's
- ❖ Hi Ho Cheerios

### Websites

- ❖ <http://www.aaamath.com>
- ❖ <http://www.funbrain.com>
- ❖ <http://www.learningplanet.com>
- ❖ <http://pbskids.org/arthur/>  
Click on "Parents/Teachers"  
Click on "Activities"  
Click on "Math"
- ❖ <http://www.learningplanet.com>
- ❖ <http://www.primarygames.com>  
Click on "MATH"

### Practice Books

- ❖ Pre-K Workbooks
- ❖ Dot-to-Dot books
- ❖ Math workbooks from Walmart, Target, Sam's Club, etc.

### Other

- ❖ Practice writing your name - only the first letter should be uppercase.
- ❖ Learn the alphabet.
- ❖ Practice cutting with scissors.
- ❖ Practice tying your shoes.
- ❖ Learn your address phone number, and birthday.

MATH !!  
SUMMER  
FUN!

Entering KINDERGARTEN

*These activities are designed to encourage students to explore and have fun doing mathematics during the summer months.*