

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 20.
- ❖ 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.

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.

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.
- ❖ Learn the alphabet.
- ❖ Practice cutting with scissors.
- ❖ Practice tying your shoes.
- ❖ Learn your address and phone number.

MATH =
SUMMER

FUN!

Entering KINDERGARTEN

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