

Identify Shapes

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

Number Recognition

- ❖ Look for numbers on billboards, car tags, and signs.
- ❖ Randomly write the numbers 1- 20 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.

Sorting

- ❖ Sort household objects - laundry, toys, coins.
- ❖ 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.

Ordering/Positions

- ❖ Line up five (up to 10) toys on the floor. Identify first, second, third, fourth, and fifth (up to tenth).
- ❖ Use a deck of cards without the face cards and Aces. Draw 5 cards and put in order from least to greatest or greatest to least.
- ❖ Help set the table - focus on left, right, middle positions.
- ❖ Make a number line from 1 to 20. Have someone pick a number then you tell which number is before it, after it. Repeat. Have someone pick two numbers and you tell which number is between the two numbers.
- ❖ Play with a partner. Using only number cards and Aces (use as 1); take turns drawing cards from the deck of playing cards. The first person to have a row of cards Ace (1) to 10 is the winner.

Practice Estimating and Counting

- ❖ Count by 5's and 10's while skipping, jumping, jumping rope, snapping, etc.
- ❖ Count forward to 100 - by ones, fives, tens.
- ❖ Count backwards from 20, from 7, from 13, etc.
- ❖ Count steps and windows at home and wherever staying on vacations.
- ❖ Count cars on highway, etc.
- ❖ Estimate and then count the number of spoons in the house.

- ❖ Estimate and then count the number of rectangles, circles, squares, etc. in your room.
- ❖ Estimate and then count the number of doors (windows) 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?

Addition and Subtraction

- ❖ Make your own flash cards to practice adding and subtracting to 10, 12, 15, 18. Draw pictures to model the addition/subtraction fact.
- ❖ Using a deck of playing cards, pull two cards at a time and add or subtract them. Let the face cards be 10 and Aces be 1.
- ❖ Roll two dice. Use the numbers shown to practice adding and subtracting.

Place Value

- ❖ Use grids to make rods (a strip of 10 cubes) and cubes (1 square). Practice making numbers from 1 to 99 using rods and cubes.

Time

- ❖ Make a paper plate clock to practice telling time to the hour.
- ❖ Make a log at home of your schedule for the day. What time do you eat breakfast? Get dressed? Watch cartoons? Go outside to play? Go to bed? etc.

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.
- ❖ Make a store by collecting and pricing different items. Then use your money to buy items from the store. What coins did you use?
- ❖ Use a handful of coins and cards with 1¢, 5¢, 10¢, 25¢, penny, nickel, dime, and quarter written on them. Sort your group of coins by type of coin. Label each group with the correct number and name. Scoop up 5 coins and count them.
- ❖ Count the change in Mom's purse or Dad's pocket on Mondays.

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.

Story Problems

- ❖ Create story problems. Draw a picture and solve it. (Mom bought 5 apples. Joey ate 2. How many apples are left?)

Games

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

Websites

- ❖ <http://www.aaamath.com>
- ❖ <http://www.coolmath4kids.com>
- ❖ <http://www.funbrain.com>
- ❖ <http://georgiastandards.org/>

Click on "QCC Curriculum" under Helpful Links

Click on "Teacher Resource Center"

Click on "Roles & Responsibilities"

Click on "Parent Connections"

Click on "Ten Ways to Help Your Child Learn..."

- ❖ <http://www.primarygames.com>

Click on "MATH"

Practice Books

- ❖ *Summer Bridges* - available at the School Box
- ❖ Dot-to-Dot books
- ❖ Math workbooks from Walmart, Target, Sam's Club, etc.

MATH =
SUMMER
FUN!

Entering FIRST Grade

These activities are designed to help students strengthen their mathematics skills during the summer months. Each child is encouraged to explore and have fun doing mathematics.