

### Identify Shapes

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

- ❖ Use objects (paper clips, crayons, etc.) to measure the length of items around the house.
- ❖ Go to the grocery store and help weigh the fruits and vegetables. Which one is heavier? Lighter?

## 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.thatquiz.com>
- ❖ <http://www.coolmath4kids.com>
- ❖ <http://www.funbrain.com>
- ❖ <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.*