

Summer Math Fun



Complete a Set

Cut out heart shapes or other shapes, fish, etc. up to 10. Number each shape 1-10, placing a dot across from the number. Using pompoms, pennies, cereal, etc, place that amount on the dot to make a set of 10. Extension-add numbers 11-20.

Ice Cube Tray Counting

Using an ice cube tray or egg carton, roll a die or 2 dice (based on how high your child can count) and place that many objects (beans, seeds, pennies, paper clips, shells, etc.)

Count, how many in that set.

Extension- give your child a bowl of objects, hold up a number card, child counts that many to match the number.



Write numbers on a post-it or a square of paper. Use clothespins to match how many match the number. Great for strengthening fingers for writing skills!

Match the Number

Using muffin tins or ice cube trays, write a number in each space. Find that many objects to match the number. Count out loud as you add the objects (pennies, pompoms, buttons, cereal, etc)

Roll a dice and have your child identify the amount of dots. Aim to get faster and faster!!! It's a race. See who can state it fastest.



Counting with Playing Cards

To set up this simple math activity / lesson, grab playing cards Ace through 10 and set them out. We started this activity by counting to 10, touching each playing card as we counted. Not only does this correlate the number to the numeral, but it provides yet another great chance for 1:1 correspondence practice. To accomplish this goal, I grabbed a bowl of buttons to use as math counters. I had my son count out the correct number of buttons for each playing card – this is great for the tactile learning aka touch learning. Sometimes, he placed the buttons below the card and counted them out. Other times, he used the suit of the card as a reference for the number of buttons he needed.

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Number Matching

Trace small cups or bottle caps on a piece of paper. Draw smaller circles in each of the larger circles. On the cup or bottle cap, write a number corresponding to the smaller circles. The object is to match the cup/cap to the dots on the page. You can make this self-correcting by drawing the number of smaller circles inside the cup or under the cap.



Directions

Tell your child to go "sit on" something, stand "by" something, get "in" something, get "off" something, get "out" of something, etc. Use the sentence: Go _____ "on" the _____. After your child does what you asked them to do say: Great job! You _____ "on" the _____.

Counting Bingo

Make a grid on a piece of paper. It can be 3X3 or 4X4. Make dots on each spot representing a different number. Include numbers that the child can count to in the beginning, continue playing and increasing the numbers on the grid from 1-20. Show the child a number and have them find the spot with that many dots on their card. You can also do this in reverse. The number is written on the grid and the dots are on the card.

Build a fort with your kids. Talk as you do it. "I am putting the blanket on the top to go under. Put the chair here next to the couch to hold the roof."

Point out shapes of different things. "I have a round plate with square crackers on it!" And on that square cracker there's another shape, can you find it? Try to have a shape meal where everything is a different shape.

Spoon Number Matching

Write numbers on the top center of one spoon and the corresponding dots on another Turn the spoons upside down, and lay them out in a grid. You may want to start with 1-10 and add 11-20 as they learn them. Then, have the kids play a matching game. Turn over two spoons. If they are a pair, you have a match. If not, turn them back upside down, and it's the next child's turn. When you find a pair, you get to keep the spoons. The goal is to see who can find the most matches by the end of the game.



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I Spy

Instead of spying things that are certain colors, spy things that start with a certain sound. "I spy with my little eye something that starts with /b/." (bag, basket, ball)

Go on a shape hunt around your neighborhood or your house.



Building and Counting

Place a mound of play-doh on a plate. Stick 2 straws on each side of the play-doh. Place a handful of ring cereal l on the plate. Have your child add and count the cereal as they slide it onto the straw. Goal-get to 20! Extension: Remove and count the cereal. How many are left? (Can also use spaghetti noodles if you do not have straws.)



Obstacle Course Directions

Make an obstacle course so your child can go over, under, around, etc. You can use chairs, kiddie tunnels, tables or string painters tape high/low for children to go around, under, over, etc.



Lego Counting

Number 10 small squares, lay out on a cookie sheet or the table, Using lego blocks, put one lego above #1, stack 2 legos ,place above #2, continue on to #10. Notice how the stacks get higher each time you add a lego. Visual for what 5 looks like or what 10 looks like. Extension: Do numbers all the way to 20.

Tape Shapes

Using painters tape, make shapes on the floor. Have your child find objects around the house that resemble that shape. A ball = circle=sphere. A block=triangle or square. A wheel=circle A dice=square=cube.