

Math Counting Activities

Counting with 2-sided Counting Chips

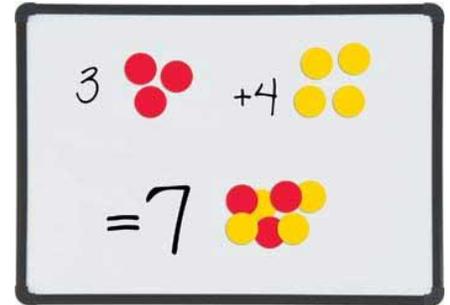


Materials Needed:

- 10 - 20 2-sided counting chips
- Small cup (4-6 oz)
- resealable plastic bag (to hold counting chips and small cup)

First step: Practice numeracy skills

- Count out 10, 15 or 20 of the counting chips and put them in the cup and pour them out.
- Separate the counting chips by color.
 - Count each group of counting chips.
 - Use the recording sheet to record your math equation:
 - # of red counting chips + # of yellow counting chips = #total number of counting chips.
 - Read your equation. "Three plus four equals seven."
 $3 + 4 = 7$
- Repeat the process and fill in the recording sheet.
- Change the number of counting chips by adding or subtracting counting chips and continue to practice counting.



Second step: Extend the activity

- Introduce and use the following math vocabulary to teach and reinforce early numeracy concepts.
 - How many will you have if you add one more counting chip? If you take away one counting chip?
 - Use math vocabulary such as:
 - add
 - subtract
 - greater than
 - less than
 - equal
 - compare
- Remember to include the numeral zero when discussing quantities, for example: Ask your child, "How many do you need to subtract (or take away) so that you'll have zero left"?
- To support numeral recognition, add a set of number cards and have the child match the numeral to the group of counting chips.

Counting with Dice

Materials Needed: 2 Dice

- Have your child roll one die.
- Ask your child to identify the number on the die face (without counting).
 - If your child cannot identify the number, help them count the dots.
- Jump/hop/skip/clap/etc. the number.
- Repeat



Extend the Activity:

- If your child can easily complete the activity with one die, add a second die and repeat with two dice.
- Ask child to count out objects equal to the number on the die/dice. (use the counting chips)
- Add the die together and create an equation.
- Play games that involve using dice to further develop counting and subitizing skills.