

Two Ten Frame Addition: At Home

Ten and Some More

From the Developing Number Concepts Series by Kathy Richardson

Goals:

- Adds single-digit numbers by reorganizing them into a ten and leftover ones
- Uses their knowledge of the parts of numbers to 10 to add numbers up to 20

Materials:

- Double Ten Frame Board
- Counters such as pennies, macaroni, Legos, etc.
- Numeral cards in a bag (4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 9, and 9)
- Paper

Procedures:

1. The child uses a double ten frame board (draw two ten frames about 3" x 6")
2. The child draws 2 numeral cards from the bag.
For example: This child pulled an 8 and a 7 from the bag.
3. She places counters to match each number on each ten frame.
4. You can see if the child is ready to add by reorganizing the counters if you ask, "Can you think of anything you can do to make it easier to see how many there are altogether?"
5. The child tells how she added them and writes the equation.
6. She puts the numeral cards back in the bag and draws 2 more and repeats.



What to watch for:

- Does the child leave the counters where they are and add by counting, starting with 1? Or does he/she count on from 7 or 8?
- Does the child move the counters to make a ten? Does he/she count or do they know how many without counting?

Extension: After the child has practiced with the counters and it is easy for him/her to tell how many without counting, see if he/she can place counters on one ten frame and add the second number without counters. For example: "There are 7 pennies on the first ten frame. How many would there be if you added 8 more?" Have the child build the second number if they begin counting or have difficulty.