

Race to Ten: At Home

Addition and Subtraction

From the Developing Number Concepts Series by Kathy Richardson

Goal(s):

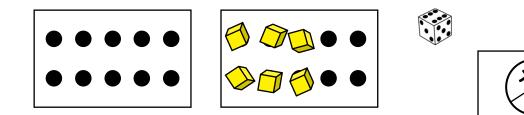
- Recognize the plus and minus signs and add or subtract according to the sign
- Begin to notice what number they end up with when adding or subtracting
- Tell how many altogether or how many left after adding or taking away counters

Materials:

- Working Space Paper (1 or 2 per child)
- Counters such as pennies, beans, macaroni, blocks, Legos, etc.
- Dice (1-6 or 4-9) or Numeral cards in a bag (1-6 or 4-9))
- Plus-or-Minus Spinner

Procedures:

- 1. The child plays with a partner. Each partner has an empty Working Space Paper
- The partners take turns rolling the die (or pulling a numeral card from a bag) and spinning the spinner to see how many to add or take away.
 For example: This child rolled a 6. The spinner landed on the plus sign. She added 6
 - counters. If it had been minus, she had no counters to take away, so she lost her turn
- The partners continue taking turns until one of them fills their Working Space papers with 10 counters.



What to watch for:

- Does the child begin to add or take away right after they spin or do they take a bit of time to remember what to do?
- Does the child count one by one to add or take away or can they add or subtract some groups?
- Do they ever predict how many they will have before they add or subtract?

Suggestion(s):

Ask: Now that you have added some on (or taken some off), how many are on the board now?

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