

Clear the Deck: At Home

Addition and Subtraction

From the Developing Number Concepts Series by Kathy Richardson

Goal(s):

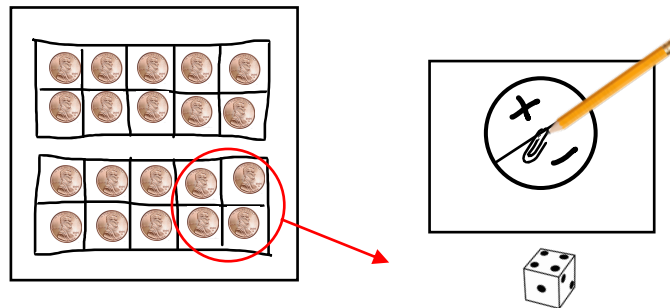
- Recognize the plus and minus signs and add or subtract according to the sign
- Begin to notice what number they end up with when adding or subtracting
- Tell how many altogether or how many left after adding or taking away counters

Materials:

- Double Ten Frame Board
- Counters such as pennies, beans, macaroni, 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.
2. Each partner fills the Double Ten Frame Board with 20 counters.
3. 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 4. The spinner landed on the minus sign so she removed 4 pennies. When it lands on the plus sign, the child adds some.
4. The partners continue taking turns until one of them “Clears the Deck” by clearing all the counters.



*If the number of counters a player spins and rolls won't fit on the game board, that player loses a turn.

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?