ADDITION CONNECT FOUR

Number of Players: 2

Supplies:
2 paper clips, 2 different color chips (20 of each color), 1 printed copy of the Addition Connect Four Game Board

Objective: To place four of the same color chips in a row (across, up and down, or diagonally).

How to Play:
1. Player 1 places a paper clip on a number on the bottom number strip.
2. Player 2 places a paper clip on a number on the bottom number strip, adds the two numbers, and places one of their colored chips on the sum of those two numbers on the board. For example, if one paper clip is on the 7 and one paper clip is on the 1, Player 2 places their color chip on the number 8 on the board, because 7 + 1 = 8.
3. Next, Player 1 moves one of the paper clips, adds the two numbers, and places their piece on the sum of those two numbers on the board. For example, if Player 1 moves the paper clip that was on the number 7 to 3, they would place their colored chip on the number four on the board, because 3 + 1 = 4.
4. Once a chip is placed on the board, it can't be changed to another color or moved.
5. Play continues until one player has four of their chips in a row on the board (across, up and down, or diagonally), without any of the opposite chips in between their four chips.

Note to Teachers: If you don't have two different colors of chips, alternate materials could be used. For example, use two different colored cubes, beans, or squares of construction paper. You could also place the game boards in protective sleeves and use two different colored dry erase markers.

Examples:

Non-examples:

ST Math

ADDITION CONNECT FOUR GAME BOARD

12	15	20	16	7	9	20	15
13	18	10	20	15	12	19	9
11	8	17	13	18	14	10	16
10	6	14	11	9	10	15	19
13	16	4	8	17	20	12	5

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

*Adapted from Marilyn Burn's Pathways.