

Building Fluency: decomposing numbers less than 10 into pairs

Materials: 10 beans or other small objects or other manipulative, piece of paper, recording sheet, cubes

Number of Players: 2

Directions:

1. Players determine which player is "on" and which player is "off".
2. Player 1 takes 10 beans, drops them over a piece of paper, and records how many beans land on the paper and how many land off of the paper.
3. If more beans land on the paper, Player 1 gets a cube. If more beans land off the paper, Player 2 gets a cube.
4. Player 2 takes 10 beans, drops them over a piece of paper, and records how many beans land on the paper and how many beans land off the paper.
5. Play continues for 10 rounds. The winner is the player with the most cubes at the end of the rounds.

Variation/Extension: If using two color beans or other small objects, players could count how many red, how many yellow. Students could use sentence frames if they find the recording sheet confusing: There are ____ beans on the paper. There are ____ beans off the paper. Students could also use different sizes of paper.

On and Off

[illegible][illegible]