

# 101 AND OUT!

## **MATERIALS:**

Game boards, dice, 0-9 spinner, wet erase marker  
(You need to use a damp paper towel to erase the marker in between rounds from laminated game boards. You can also draw game boards yourself on blank paper if you don't have a prepared game board on hand.)

## **NUMBER OF PLAYERS:**

2 to 4

## **BASIC GAME DIRECTIONS:**

*This is a great game for column addition practice, and it encourages mental computation and an understanding of place value. The goal is to arrive at a sum that is the closest to 100 as possible without going over.*

- 1) A 1–6 die will be rolled six times by each player. Players can alternate rolling the die, or they can each roll six times in a row and then pass the die to the next player.
- 2) With each roll, the player writes the number that comes up on her game board. She writes the first number on line 1 of her game board in either the 10s column or 1s column; she writes the second number on line 2 in either column; the third number from the die goes on line 3, and so on. Once a player writes a number on her game board, she can't change it.
- 3) Players continue rolling the die and writing the numbers on their game boards until all the boards are completely full with six numbers on each board. Remember, the players can choose to put the numbers from the die in either the ones or tens columns, but the placement can't be changed once its written down.
- 4) After writing six numbers on each board, players fill in any blanks in the ones column with zeros, and then add to find the sum.
- 5) The winner is the player with the sum that is closest to 100 without going over.

### ***GAME VARIATIONS:***

- \* Increase the challenge by using the 0-9 spinner to increase the range of possible numbers that can be generated.
- \* To make the game easier, draw your own game boards with only 4 rows on each board. (See the example below.)
- \* For individual (solitaire) practice, students first play the game by themselves, following the same rules. Then they use another game board and use the same numbers they rolled to try and figure out the best way to arrange the numbers to get an even better score.

### ***GAME BOARD SAMPLES***

You can easily draw your own game boards on the go, in order to play the game anytime. All you need is paper, a pencil, and a die. You can also draw the four row game board below on separate paper to create an easier version of this game.

#### ***Standard Board:***

10s	1s
1	
2	
3	
4	
5	
6	
Total	

#### ***Easier Variation Board:***

10s	1s
1	
2	
3	
4	
Total	