



Play the game, *Make 100*

Number of Players: 2 to 4

Materials:

- One recording sheet for each player (Print page 2.)
- One place value chart for each player (Print page 3.)
- One set of paper Base 10 Blocks for each person (Using sturdy paper print and cut out the paper blocks on page 4.)
- Dice
- A pencil or pen for each player

Directions:

1. The youngest player starts, followed by the person to his or her left, and continuing in a clockwise direction.
2. Players take turns rolling a die and selecting the number of paper Base 10 Blocks indicated on the die. The player can select that number of small squares (ones) or that number of long strips (tens). The player places the paper Base 10 Blocks in the appropriate column of his or her place value chart.
3. The player records the total number represented by the paper Base 10 Blocks on his or her place value chart in the appropriate row of the recording sheet.
4. On the next turn, the player rolls the die and selects the number of ones or tens indicated on the die. The player places the tens or ones in the appropriate column of his or her place value chart.
5. When there are 10 or more small squares (ones) in the *Ones* column, the player trades the 10 ones for a long strip or a ten and places it in the *Tens* column.
6. When there are 10 long strips (tens) in the *Tens* column, the player trades for a large square (100) and places it in the *Hundreds* column.
7. The player records the new total represented by the paper Base 10 Blocks in the appropriate row of the recording sheet.
8. The game continues for 10 rounds. Whoever is closest to 100 at the end of ten rounds is the winner.

As you play this game with your child, talk about the numbers. Help your child understand that the Base 10 Blocks on the place value chart and the numeral written on the recording sheet represent the same amount. Ask questions similar to the following:

- Why did you select 6 ones rather than 6 tens?
- Who is ahead? How do you know?
- We have two rounds left. Is it possible to make exactly 100? How?
- There is one round left. What do you need to make exactly 100?
- What is a good strategy to use when playing this game?

Make 100 Recording Sheet

Round of Play	Total		
	Hundreds	Tens	Ones
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Make 100 Place Value Chart

Hundreds	Tens	Ones

Paper Base 10 Blocks

Directions: Print one copy of this page for each player. Cut out each Base 10 Block along the outside lines.

