

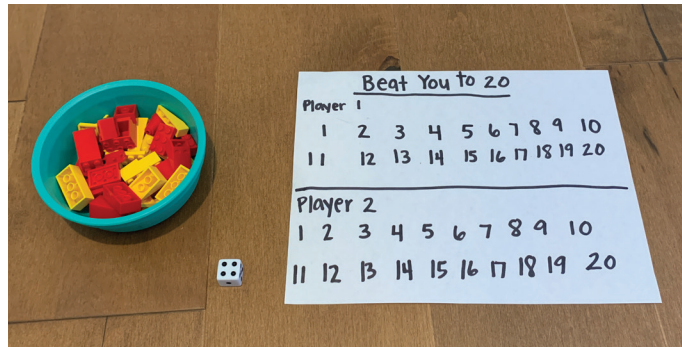
Beat You to 20

Object of the Game

Be the first player to cover all the squares or numbers on your section of the game board exactly.

Materials

- 1 Beat You to 20 Game Board
If you don't have a copy of the game board or can't print a copy right now, make your own. To make a game board, write the numbers 1 through 20 twice on a sheet of paper—one set for Player 1, the other for Player 2. Give each number enough space to place small counting objects on top without covering more than one number.
- 1 die dotted 1–6
In place of a die, you can use a digital die from www.calculator.net/dice-roller.html or make a paper one according to instructions at www.firstpalette.com/craft/paper-dice.html.
- 40 objects for counting in 2 colors (20 of one color and 20 of another color). *You can use dried beans, buttons, coins, paper scraps, small toys such as building blocks, etc.*



Skills

This game helps us practice:

- Saying the verbal counting sequence
- Counting objects
- Counting on from a number other than 1
- Comparing quantities within 20

How to Play

1. Get ready to play:
 - » Players share a game board.
 - » Players share a pile of 40 objects.
 - » Decide who goes first.

2. Player 1 rolls the die.
3. They count aloud that number of objects in a single color. Then they cover up one square or number on the Beat You to 20 Game Board with each object.
4. Player 2 takes a turn.

- » Players may start with the same color or different colors.
- » On the next turn, players cover the numbers or squares with the other colored objects. Players alternate colors for each turn.



Note: Switching colors helps your child count on rather than counting from 1 every time. It also helps them recognize small amounts without counting.

5. Players continue taking turns rolling the die and counting aloud as they place objects on the game board. The winner is the first player to cover all the squares or numbers on their side of the game board exactly.
 - » If a player rolls too many on a turn and goes over the target number, that player has to wait to try again.
6. Have fun!



Tips for Families

As you play:

- Ask your child some of these questions:
 - » *How many objects did you have on the game board?*
 - » *How many objects did you add?*
 - » *How many objects do you have now?*
 - » *Who has more? Who has less?*
 - » *How many do I need to catch up to you?*
 - » *How many objects do you need to make 5? 10? 20?*

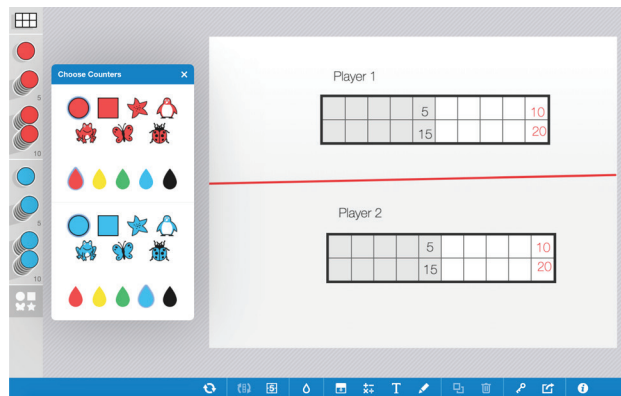
At the end of the game:

- Try lining up the two groups of objects next to each other to visually compare the groups.
Ask: *Who won? By how much? How do you know?*

Change It Up

Making even small changes to a game can invite new ways of thinking about the math. Try making one of the changes below.

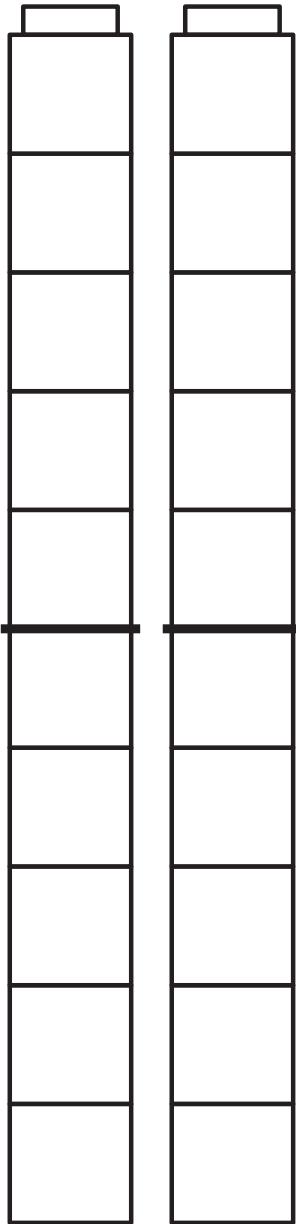
- Try playing up to 20 and back to 0, subtracting the number rolled. The first to reach 0 exactly wins.
- Use the Number Frames app as the game board. Each player can choose the colors and objects to fill in their twenty-frame. The game board is ready to go at apps.mathlearningcenter.org/number-frames/?11ewj36.



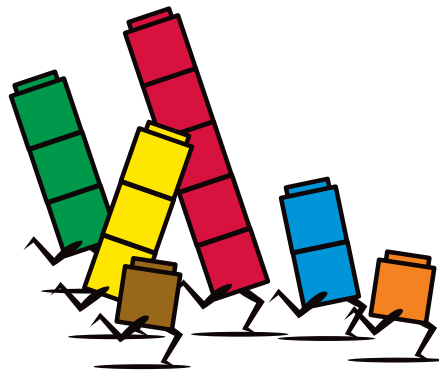
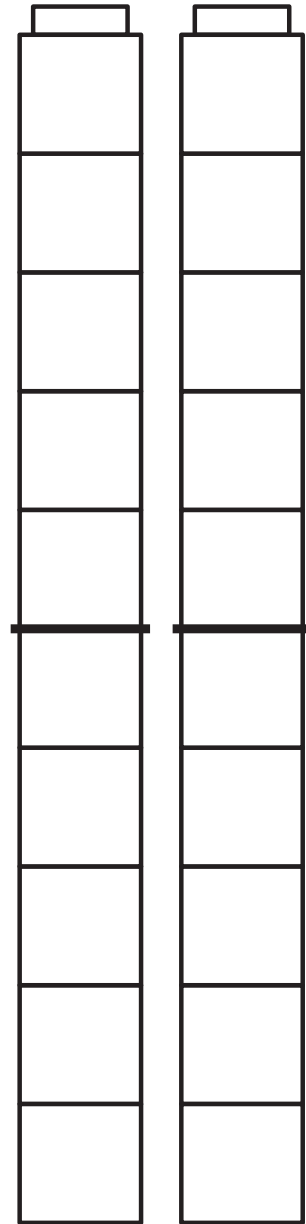
- Choose a different target number, such as 25 or 30. Draw squares or write numbers on each side of the game board so that the total number equals the target number. You'll need more objects if you're playing for a higher target number.
- Try playing with 3 or 4 players. You'll need to print out or draw additional game boards.

Beat You to 20 Game Board

Player 1



Player 2



1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20