

# 12 Vs. 21 Roll & Graph Race

This game is designed to help children practice recognizing and distinguishing between the numbers 12 and 21.

## Preparation:

Each child needs one game board. There are two game boards on each page, so if you have 24 children, you'll only need to make 12 copies, and then cut the papers in half. Copy and make the 12/21 dice on page three of this file, or make your own. To make your own, find a blank cube to use as a die and then write 12 on three of the faces and 21 on three of the other faces. Each group of children will need their own die to play- either one die per small group or one die per pair of children playing against each other.

*Note: Be aware that young children sometimes have trouble with paper dice; they inadvertently "squish" the dice because they are hollow. If you can find a 1.5 inch foam die to put inside the die pattern and tape the paper closed around it, that may solve the problem.*

## To Play:

The game can be played in two's with partners, or in a small group under the supervision of an adult.

Choose someone to go first. Have that child roll the die. Each time he rolls a 12, he colors in or makes an X in a box above number 12. If he rolls a 21, he colors in a box above number 21. Then the play passes to the next person. The first person to fill in any row to the top is the winner. To make the game more meaningful, have the children explain how they know the number is a 21 or a 21 before they mark the graph. For example, a child might say, "I know that this is a 21 because I see that the 2 comes first, starting on the left."



Note: Blank game boards and dice are provided for you to adapt the game to your needs.









