

## Objective

By the end of this lesson, you will be able to understand and apply division concepts while having fun playing Roblox.

## Materials and Prep

- A computer or tablet with internet access
- Roblox account
- Paper and pencil for note-taking (optional)

## Activities

- Activity 1: Division Obstacle Course

Create a Roblox game where the student has to navigate through obstacles by correctly solving division problems. For example, they can only pass through a gate if they solve a division equation correctly. Use levels of difficulty based on the student's skill level.

- Activity 2: Division Quiz Show

Host a Roblox quiz show where the student can compete against friends or family members. Ask division questions and award points for correct answers. Make it exciting by adding a timer and special effects.

- Activity 3: Division Puzzle Game

Create a puzzle game in Roblox where the student has to arrange division problems and their solutions in the correct order. This will help reinforce their understanding of division and improve their problem-solving skills.

## Talking Points

- "Division is a way to share or distribute things equally among a certain number of groups."
- "When we divide, we are finding out how many times one number can go into another number."
- "For example, if we have 12 cookies and we want to share them equally among 3 friends, we can use division to find out how many cookies each friend will get."
- "12 divided by 3 equals 4, so each friend will get 4 cookies."
- "In division, we have a dividend, which is the total number we want to divide, a divisor, which is the number we divide by, and a quotient, which is the answer or the number of groups."
- "Let's practice some division problems together. For example, what is 20 divided by 4? That's right, the answer is 5."
- "Remember, if we have any remainder left after dividing, we can write it as a fraction or a decimal."
- "Division can also be thought of as the opposite operation of multiplication. If we know that 3 groups of 4 equals 12, we can find out how many groups or how many times 4 goes into 12 by dividing."
- "Now, let's apply our division skills in Roblox and have some fun while learning!"