

## Objective

By the end of this lesson, the student will have a basic understanding of the concept of 'hashing' through the fun exploration of a simple code that represents a number, and they will learn how to play with numbers and letters in a creative way!

## Materials and Prep

- No materials are needed for this lesson, just a curious mind!
- Be ready to explain what numbers and letters are, and how we can play with them like a puzzle.

## Activities

- **Number Fun:**

Start by introducing the number 31337. Ask the student to say it out loud and count to it together. You can also talk about what makes this number special!

- **Letter Matching:**

Introduce letters that look like numbers (like 'E' for '3'). Create a game of matching numbers to letters, making it a fun way to learn about them!

- **Hashing Adventure:**

Explain that 'hashing' is like making a secret code. Pretend to create a secret code for the number 31337 using silly sounds or actions. This will help them understand the idea of transforming something into a new form!

- **Creative Drawing:**

Let the student draw their own version of what they think the number 31337 looks like. Encourage them to be creative and use lots of colors!

## Talking Points

- "What number are we talking about today? That's right! It's 31337! Can you say it with me?"
- "Did you know that some letters can look like numbers? Let's find some together!"
- "Hashing is like making a secret code! Can you make a funny sound for our secret code?"
- "Look at your drawing! What colors did you use? How does your number 31337 look in your imagination?"