

## Objective

By the end of this lesson, you will be able to apply basic arithmetic skills to solve math problems related to Harry Potter and the Sorcerer's Stone.

## Materials and Prep

- Paper and pencil
- Harry Potter and the Sorcerer's Stone book
- Calculator (optional)

Prior knowledge: Basic addition, subtraction, and multiplication.

## Activities

### 1. Magical Number Hunt:

Read a chapter from Harry Potter and the Sorcerer's Stone. While reading, keep track of all the numbers mentioned in the chapter. Write them down on a piece of paper. Once done, add all the numbers together to find the magical sum.

### 2. Potions Ingredients:

Imagine you are a potions master like Professor Snape. Create a list of 5 potion ingredients from the Harry Potter series. Assign a numerical value to each ingredient (e.g., 1 for unicorn hair, 2 for dragon scale, etc.). Add the values of the ingredients together to find the total value of the potion.

### 3. Quidditch Scoreboard:

Design a Quidditch scoreboard with spaces for the scores of two teams. Create a word problem related to Quidditch and ask a family member or friend to solve it using the scoreboard. For example, if the Gryffindor team scored 50 points and the Slytherin team scored 30 points, how many more points did Gryffindor score?

## Second Grade Talking Points

- "In this lesson, we will use our math skills to solve problems related to Harry Potter and the Sorcerer's Stone."
- "We will go on a magical number hunt by reading a chapter from the book and adding up all the numbers mentioned."
- "We will pretend to be potions masters and assign numerical values to different potion ingredients. Then, we will add those values to find the total value of the potion."
- "We will also design a Quidditch scoreboard and use it to solve word problems related to Quidditch scores."