

# Choosing a Slime Recipe



The 2<sup>nd</sup> graders are going to make slime for a science celebration. They need your help to decide which slime they should make.

Questions to think about:

- What do you **know** that can help you figure this out?
- What do you need to **find out**?
- What **assumptions** do you have to make?

## **PART 1: Calculating Costs**

First, the 2<sup>nd</sup> graders want to know **how much it will cost** to make each of the slime recipes.

- Use the information in “Cost of Slime Ingredients” table to calculate the cost for making a “class portion” of each type of slime.
- Write an equation to show how you figured out the cost of a “class portion” of each type of slime.
- Include unit labels so that it is clear what each number means.

Then add the cost to the “Comparing Slime Recipes” table.

## **PART 2: Comparing Slime Options**

Cost it is not the only factor to consider.

Use the information in the “Comparing Slime Recipes” table to compare and contrast the different types of slimes.

- Decide which information is most important in your decision
- Use the information to rate and rank the different slime recipes

## **PART 3: Write a Recommendation:**

- Tell the 2<sup>nd</sup> graders which slime recipe you think they should make for their science celebration, and why
- What information you considered in your decision, and what information (or factors) was the most important and the least important
- Your assumptions
- How much the slime will cost to make
- How others could use your plan to choose a slime recipe for their class

Use pictures, numbers and/or words to show that your plan will work.

## Choosing a Slime Recipe (Part 1: Version B)



**The 2<sup>nd</sup> graders are going to make slime for a science celebration. They need your help to decide which slime they should make.**

**How much will it cost?**

We're going to focus on three slime recipes:

Fluffy

Flubber

Glow in the Dark

We want to find out how much each type of slime would cost for one portion or for a class portion.

Keep in mind that ingredients are sold differently!

Use the information in the Task B Tables to determine the cost.

Explain the assumptions you made and show the mathematics you used.