

Objective

By the end of this lesson, you will be able to apply arithmetic concepts to create drawings of desserts.

Materials and Prep

- Pencil
- Eraser
- Ruler
- Blank paper

No prior knowledge is required for this lesson.

Activities

1. Activity 1: Dessert Sketching

Choose your favorite dessert and sketch it on a blank paper using your pencil. Pay attention to the shapes and proportions of the dessert.

2. Activity 2: Measurement Practice

Using your ruler, measure the length and width of your dessert sketch. Write down the measurements.

3. Activity 3: Scaling Up

Imagine you want to create a larger version of your dessert drawing. Multiply the length and width measurements by a scale factor of 2. Write down the new measurements.

4. Activity 4: Scaling Down

Now, imagine you want to create a smaller version of your dessert drawing. Divide the length and width measurements by a scale factor of 2. Write down the new measurements.

Sixth Grade Talking Points

- "Arithmetic is not only used for solving problems in textbooks, but it can also be applied to real-life situations, such as drawing desserts."
- "When sketching a dessert, it's important to pay attention to the shapes and proportions to make it look realistic."
- "Measuring the length and width of your drawing helps you understand its size and dimensions."
- "Scaling up means increasing the size of your drawing proportionally, while scaling down means decreasing the size."
- "By multiplying or dividing the measurements of your drawing by a scale factor, you can create larger or smaller versions of it."