



Measuring Volume and Mass

Today's Standard

3.MD.A2 - Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.

Real-World Applications for this Standard

Using a kitchen scale to measure ingredients for a recipe.; Estimating the volume of water needed to fill a fish tank.; Calculating the total weight of groceries.; Determining the amount of liquid in a bottle of juice.

Today I Learned

Today, we learned how to measure and estimate liquid volumes and masses using grams, kilograms, and liters. We also practiced solving word problems using these measurements.

Common Stumbling Blocks

Sometimes, kids might mix up units like grams and kilograms or find it hard to read measurement scales. Practicing with real objects and different scales can help a lot!

Quiz Me

- What unit would you use to measure water?
- How many grams are in a kilogram?
- Can you name a tool to measure liquid?
- What is heavier, 1 gram or 1 kilogram?
- How do you solve a word problem with measurements?

Help Me

We use grams, kilograms, and liters to measure things in the real world. For example, we can measure the weight of an apple in grams or the amount of milk in a bottle in liters. Practicing with these units helps us understand how much things weigh or how much liquid they hold.

