



Measuring Objects Using Non-Standard Forms of Measurement

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Math
Grades K-2



Introduction

How long is something? It is important to know the lengths of objects for many reasons. Think about if your parents want to buy a new kitchen table. How will they know it will fit? Or what if Grandpa is building a garden. How will he know how much wood to purchase to fit the space? There are many ways to measure objects, and measuring can be as simple as using your hands or feet!

Students will create a list of 10 objects and measure those objects using both their hands and feet. They will then switch papers with a partner, measuring their partner's list of objects.

Learning Objectives

- [CCSS.Math.Content.2.MD.A.2](#)
- Describe how the two measurements relate to the size of the unit chosen.

Materials Needed

- *Me and the Measure of Things* by Joan Sweeney, objects around the classroom, paper for recording

Procedure

1. Students will listen to the read-a-loud *Me and the Measure of Things* to start thinking about objects that are measured and how. The teacher will ask students what things they have measured before (ingredients in cookies, their shoe, etc.). The teacher will tell students that there is an easy way to measure with somethings we always have with us: our hands and feet! The teacher will tell the students to measure their desk leg with their hand followed by their foot. "How many hands did it take?" Repeat with measuring the top of the desk, their shoe, and their neighbor!"
2. Students will list 10 objects around the room that can be measured using either someone's hands or feet. They will create an answer key with how many hands as well as feet it took for them to measure, remembering that everyone has different sized bodies so answers may vary.
3. Students will switch papers with a partner, measuring the objects listed and writing down their answer (be sure to label it with hands and feet). If time allows, check answers with their partner, discussing why they might have had different measurements.

Evaluation

Students will turn in their list of 10 objects with their answer key for evaluation.