

**Title:** Measurement

**Grade level:** Kindergarten

**Time:** 30-45 minutes (one class period)

**Purpose:** To introduce measurement and to have students use the terms related to measurement such as longer, shorter, etc.

**Outcomes:**

- Students will be expected to use the terms: longer, shorter, wider, thicker, and taller to make comparisons.
- Estimate, measure, and record lengths by using non-standard units.

**Materials:**

-  **Pencil**
-  **Paper**
-  **Various objects in the classroom**

**Introduction:**

- Ask students if they know what measurement is. Tell students that you do not always have to measure things with a ruler. We sometimes use non-standard units like our hands or feet. Tell them “today we are going to measure things with our feet!!” Then trace my foot to use as a non-standard unit for measuring. Compare it to things around the classroom and describe how it is longer and shorter than things.

**Activity:**

- Get students to go back to their tables and trace their own feet to use for measuring.
- Give them a worksheet to complete. The worksheet will be divided into two columns; longer and shorter. The students will have to go around the classroom finding things that are longer and shorter than their foot and draw them in the appropriate column.
- Once all students have completed their worksheet, I will get them all to come back to the floor to have a class discussion about the things they found to be longer and shorter, and compare some feet to show how some are longer and shorter than others.

**Conclusion:**

- To conclude this lesson, after we have the discussions I will read a book about measurement called “Counting on Frank” by Rod Clement.

**Assessment:**

- I will assess the students by using anecdotal notes through observation.

**Extension:**

I will encourage students to measure things at home using non-standard units like their feet and hands. They will also be given a similar worksheet to practice this further for homework.