



Leaf Measurement Lab Lesson Plan

Kindergarten - 2nd Grade

Duration: 30-40 minutes



Learning Objectives

Students will:

- Measure leaves using nonstandard units (cubes, paperclips, counters).
- Compare lengths using language such as “longer than,” “shorter than,” and “about the same.”
- Order objects by length.

Materials

- Real leaves (or paper leaves if needed)
- Nonstandard measuring tools (unifix cubes, paperclips, craft sticks)
- Recording sheet
- Chart paper or whiteboard
- Optional: magnifying glasses



Lesson Plan

1. Hook (5 minutes)

- Show students a handful of leaves of different lengths.
- Ask:
 - “Which leaf do you think is the longest?”
 - “How could we find out for sure?”

2. Exploration: Students Measure Leaves (15–20 minutes)

- Give each student 3–5 leaves.
- Students choose a nonstandard unit (cubes, paperclips).
- Have students measure the length of each leaf.
- Students record the measurements in a simple table.
- Optional: Order their leaves from shortest to longest.

A decorative border of autumn leaves in shades of orange, yellow, and red surrounds the text. The leaves are scattered along the top, bottom, and sides of the page.

Lesson Plan

3. **Group Discussion (5–10 minutes)**

- Lead whole-group comparisons:
 - “Which leaf was the longest in the class?”
 - “Did any two leaves have the same length?”

4. **Extension Options (if time):**

- Symmetry check: Fold leaves to see if they have line symmetry.
- Graphing: Make a bar graph or pictograph of leaf lengths in ranges.



Leaf Measurement Lab



Recording Sheet

Measure each leaf using cubes, counters, or paperclips.

Leaf	Estimated Length	Actual Length	Shorter/ Longer/ Same
Leaf #1			
Leaf #2			
Leaf #3			
Leaf #4			
Leaf #5			

Order leaves from shortest to longest.

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