

**Instructor:** Ailen Borres

**Week:** 3

**Subject:** Science

## Measurement

### Description of Activity

The measurement concepts are often practiced using assigned problems requiring conversions, identifying correct measurements from pictures, and basic measures of various lines on a worksheet. After completing these types of problems, students learn about different types of measurement. Give real-life examples of each, create a chart, and have students participate in a hands-on activity.

### Learning Objectives:

After this lesson, students will be able to:

- describe units of measure
- use measuring tools
- explain purpose of measuring
- describe methods of measuring

### Standards:

STANDARD: 1	Students inquire about states, properties, and transformations of matter.
BENCHMARK: PS1.1.2	Perform calculations based on standards of measurement (metric system)

### Materials Required:

- rulers
- tape measures
- meter sticks
- paper clips
- yarn
- counting cubes
- thermometer
- ounce and pound scales

### Learning Activities:

- Connect students to learning and activate prior knowledge by asking them to respond to the prompt 'How do we measure?' in their math journals. Share answers and discuss.
- Tell students they will be learning many methods of measurement, both standard and nonstandard.
- Have students label their math journal 'Measurement' and create a t-chart labeled 'standard' and 'non-standard.' Create an example on chart paper for students to follow.
- Read the section titled 'What is Measurement?' in our lesson [Measurement Lesson for Kids](#) using technology or shared reading methods.

### Key Vocabulary

- standard unit
- nonstandard unit
- length
- height
- temperature
- weight

### Assessment: *Formative/Summative*

- What things can we measure?
- How does measuring make life easier?
- What kinds of things do you and your family measure?

### Safety:

N/A

### References:

- Website: [www.guitarbuilding.org](http://www.guitarbuilding.org)  
Exploring Woodworking (Fundamentals of Technology)  
ASDOE Curriculum

### Reviewing Faculty Cohort Members:

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