

## Lesson Plan

**Text:** CORD 3

**Unit number and title:** Unit 3 Measuring Areas

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**Short Description:** This lab will help high school students develop and refine their skills for measuring weather in U.S. standards or Metric Units.

### FLOOR TILE LAB

**TEACHER:** Teacher Prep/ Lesson Plan

- **Lesson Objectives**

Students will be able to measure an area and purchase enough material to cover a floor.

- **New Vocabulary:**

Conversion, Ratio, Gram, Kilo, Length, Area, Capacity, Volume.

- **State Standards addressed:**

**Math:** 1.2: Understand and apply concepts and procedures from measurements.

**Reading:** 1.2: Use vocabulary (word meaning) strategies to comprehend text.

**Writing: 1.1:** Develop concept and design: develop a topic or theme; organize written thoughts with a clear beginning, middle, and end; use transitional sentences and phrases to connect related ideas; write coherently and effectively

- **Set-up information (Remind students to follow these basic rules.)**

This lab can be scaled up or down depending on the classroom. Before beginning instruction, be sure students are well versed in the required vocabulary. Colored tiles need to be cut out and ready to be placed into a specific pattern for a specific design.

- **Teacher Assessment of student learning (scoring guide, rubric)**

- **Summary of learning**

Opportunity for students to share learning.

- **Optional activities**

Students are to measure and draw their own bathroom to scale then apply these tiles to it.

- **Career Applications**

May be used in such areas as health occupations, industrial technology and the construction industries.

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