

Lab Framework

Text:Cord

Unit number and title: Unit 3 Measuring in English and Metric Units

Short Description: Measuring and Reducing Fractions

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Contact Information: WF West High School, Chehalis

Date:1-18-08

Lab Title

Reducing Fractions of an Inch

LAB PLAN

TEACHER: Teacher Prep/ Lesson Plan

- **Lab Objective**
Students will be able to recognize and measure fractions of an inch.
- **Statement of pre-requisite skills needed**
Introduction to fractions of an inch.
- **Vocabulary**
reducing
- **Materials List**
Ruler, Pencil
- **GLEs (State Standards) addressed**
- **Math:**
Math: 1.2.3 Apply unit conversions within measurement systems, U.S. or metric, to maintain an appropriate level of precision.

Reading: (Reading)

Writing: (Writing)

- **Leadership Skills**
- **SCAN Skills/Workplace Skills**
Information: Acquires and uses information
- **Set-up information**
Hand out lab sheet (see attached lab sheet).
- **Lab organization**
Students work individually
- **Teacher Assessment of student learning** (scoring guide, rubric)
Scoring Guide
- **Summary of learning** (to be finished after student completes lab)
 - discuss real world application of learning from lab
 - opportunity for students to share/present learningReview inch quiz with class
Discuss student's everyday use of fractions

- **Optional activities**
- **Career Applications**

Carpenter, Drafter, Welder, Mechanic, Engineer, Architect, Applied Math
Teacher

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LAB TITLE: _____

STUDENT INSTRUCTIONS:

- **Statement of problem addressed by lab**

- **Grouping instructions and roles**

- **Procedures** – steps to follow/instructions

- **Outcome instructions**

- **Assessment instructions** (peer-teacher)

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Lab Data Collection

Student: _____ Date: _____

Unit: _____

Lab Title:

Criteria: Write the problem/objective in statement form

Data Collection: Record the collected/given data

Calculations: Complete the given calculations to solve for an answer(s)

Summary Statement:

Other Assessment(s)

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