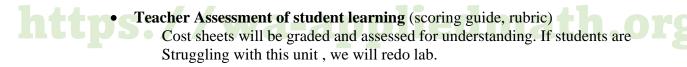
Lab Framework

Text: CORD Unit number and title: Unit Measuring In English & Metric Units Short Description: Calculate board feet and cost analysis Developed by: Joe Benzo Contact Information: joebenzo@comcast,net Date:6 /24/08 Lab Title Money Got You Board? LAB PLAN TEACHER: Teacher Prep/ Lesson Plan Lab Objective Teach students the basics of calculating board feet and cost analysis Statement of pre-requisite skills needed (i.e., vocabulary, measurement techniques, formulas, etc.)

Knowledge of measurement Addition Multiplication Calculator

- Vocabulary
 Board Foot
 Volume
 MBF
- Materials List
 Calculators
 Cost calculation worksheet
 1 foot ruler or tape measure
 Wood in random lengths and widths
- GLEs (State Standards) addressed Math: 1.1.1, 1.2, 1.1.3 Reading: 1.2.2, 1.3.2 Writing: 1.1.1, 1.2.1
- Leadership Skills Peer tutoring, advanced students checking with beginners.
 - Set-up information Students will need: Pencil, Calculator, Cost work sheet, measuring tools.



• Summary of learning (to be finished after student completes lab) We will discuss the steps necessary to get the board footage of a project so you can create a cost analysis (how much the project will cost to make)

Students all make the same project using the information attained from this lab.

Optional activities

(i.e. birdhouse, wood box, etc.)

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LAB TITLE: <u>Money Got You Board?</u> STUDENT INSTRUCTIONS:

- Statement of problem addressed by lab Calculating board feet
 - Grouping instructions and roles Groups of 4-6 at 5 work stations. Classroom T.A.s will help with instructions and lab work.
- Procedures steps to follow/instructions
 Group set-up, hand out work sheets and re-explain, measuring tools, measure, calculate board feet and do a cost analysis.
- Outcome instructions Must be able to correctly calculate board feet of wood.

• Assessment instructions (peer-teacher)

Calculation worksheet must be 100% correct or they must do assignment again.

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https://wa-appliedmath.org/

Lab Data Collection

Student:	Date:
Unit:	
Lab Title: Criteria: Write the problem/objective in stateme	nt form
Data Collection: Record the collected/given data	
Calculations: Complete the given calculations to	solve for an answer(s)
Summary Statement:	
Other Assessment(s)	

