

T E X A S A D U L T E D U C A T I O N S T A N D A R D S
L E S S O N P L A N

Before you begin

Title: Finishing a Room

Setting: ABE/ASE

NRS Level(s): Level 3: Low Intermediate Basic Education
Level 4: High Intermediate Basic Education
Level 5: Low Adult Secondary Education

Open entry/exit: Yes

Context: Family/ Workplace

Standard(s): Use Math to Solve Problems and Communicate

Benchmark(s): 4.4, 6.3, 6.4, 6.5

Objective: To determine how many individual pieces of wood would be needed for molding around a room

Materials: Measuring tape, chalk, pencil, paper, wood, television with DVD/VHS, DVD/VHS clip of a home repair

Estimated time needed to prepare for this lesson plan: 30 minutes

Estimated time needed to complete this lesson plan: 2 hours

The Lesson Plan

Introduce the lesson:

As a class, discuss the different types of home repairs that go into maintaining a house or an apartment. Show the class a video clip (Bob Vila, HGTV) of individuals measuring a room to determine how many pieces of molding are needed – this clip needs to highlight before and after shots of the room.

Teach the lesson:

Review perimeter, measuring tools; measure the table or desk; and report answers to model.

Practice the lesson:

In pairs, choose a room to measure and figure the perimeter. Higher level students can use decimals and fractions.

Assess the lesson:

Teacher observation and student feedback on how many pieces of wood are needed for molding the different rooms.

Apply the lesson to the real world:

Measure a room at their house and determine how many pieces of wood would be needed for molding.