

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: Measuring Up!

Setting: ABE/ASE

NRS Level(s): Level 4: High Intermediate Basic Education

Open entry/exit: No

Context: Family

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

Benchmark(s): 6.4, 7.4

Objective: To calculate the area of a room for flooring or carpeting.

Materials: Tape measure, poster board, markers, pencils, calculator, photos of different types of rooms.

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

Estimated time needed to complete this lesson plan: 1 hour

The Lesson Plan

Introduce the lesson:

As a class, explain how lesson will be beneficial to student. Review with the class common formulas for area.

Teach the lesson:

To the class, illustrate photos of different types of rooms. Instructor will explain how to use a tape measure.

Practice the lesson:

Each student will measure sections in the classroom to find the square footage for flooring or carpeting.

Assess the lesson:

The students use poster board to illustrate room they measured, showing the dimensions used in calculating the area.

Apply the lesson to the real world:

The students will measure their rooms in their home.

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