

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: Around the House

Setting: ABE/ASE

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

Open entry/exit: Yes

Context: Family

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

Benchmark(s): 6.4, 7.4

Objective: To determine amount of carpet/floor tiles for student's home.

Materials: Carpet/tile samples, floor plans, graph paper, and measuring tools (ruler, yard stick, measuring tape)

Estimated time needed to prepare for this lesson plan: 1 hour

Estimated time needed to complete this lesson plan: 2—3 hours

The Lesson Plan

Introduce the lesson:

As a class, discuss remodeling/updating your home. Have the students review samples of flooring.

Teach the lesson:

Place the students into small groups and have the groups talk about types of flooring for different rooms in a home. Discuss shapes, measurement terms, estimation, area formulas, square feet and yards.

Practice the lesson:

Using graph paper, plot 2 rooms in home. Group selects flooring type to use.

Assess the lesson:

Have students figure amount of flooring and cost for a select room in class.

Apply the lesson to the real world:

Have student choose a room in their home to figure amount and cost of flooring they select.
Estimate the amount and cost of selection.

Submitted by: Mike Folmar, Vicki Angel, Nin Alford