

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:** New Floors

**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):** 7.4

**Objective:** To calculate the area of rectangles

**Materials:** Whiteboard, markers, paper, ruler, tape measure, formula worksheet

**Estimated time needed to prepare for this lesson plan:** 5 minutes

**Estimated time needed to complete this lesson plan:** 40 minutes to 1 hour

**The Lesson Plan**

**Introduce the lesson:**

Have students discuss why or when they need to know the area of a room.

**Teach the lesson:**

Show examples of how to find the area of a rectangle. Use step-by-step instructions and illustrate the steps on the board.

**Practice the lesson:**

Pretend that you need new carpet for the classroom. Have students measure the room and calculate the area. Ask students to find five additional rectangular objects in the room and calculate the area.

**Assess the lesson:**

Students will compare their calculations to ensure accuracy.

**Apply the lesson to the real world:**

Students will generate ideas on how calculating the area of rectangles can be helpful in their lives.

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