

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:** My New Living Room Carpet

**Setting:** ABE/ASE

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

**Open entry/exit:** Yes

**Context:** Workplace

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

**Benchmark(s):** 6.4, 7.4

**Objective:** To learn how to specify an order for carpet of an irregularly shaped room

**Materials:** Measuring tape; graph paper; rulers; textbook with mathematical references (formulas)

**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:**

Discuss how carpet is sold. Ask various questions about carpet installation.

**Teach the lesson:**

Review key terms with students. Use textbook to introduce formulas (esp. “area”)

**Practice the lesson:**

Learner groups will measure the “living room” (classroom). They should give measurements in square feet and square yards.

**Assess the lesson:**

Compare measurements with other groups to ascertain accuracy.

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

Get a newspaper and find out the price of installing carpet based on advertisements.

**Submitted by:** Group 2 at Houston Literacy Consortium