

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: Do You Measure Up?

Setting: ABE/ASE

NRS Level(s): Level 2: Beginning Basic Education

Open entry/exit: Yes

Context: Community

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

Benchmark(s): 6.2, 7.2

Objective: To identify tools used to measure and calculate the perimeter: length, and volume.

Materials: Ruler, formula sheet, measuring tape, yard stick, paper, colored pencils, and construction paper.

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

Estimated time needed to complete this lesson plan: 1- 2 hours

The Lesson Plan

Introduce the lesson:

Speak to the students about measurement and measuring things: i.e, How tall are you? How far is your house? How big is your house?

Teach the lesson:

Show the different tools of measurement to the students. Explain perimeter, volume, and area, and then explain how these tools can be used to figure out perimeter, volume, and area.

Practice the lesson:

Have students in small groups cut out different shapes of construction paper to create a garden on a piece of paper. Then have the students determine the area, volume, and perimeter of the garden.

Assess the lesson:

Teachers will check periodically to see if the students understand how to measure and use the measuring tools.

Apply the lesson to the real world:

Students will gain confidence with using different measuring tools to determine area, volume, and perimeter which they can apply.

Submitted by: Laura Bush, Linda Sikes, Carol Biggs, and Charlotte McElroy