

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: Introduction to Perimeter

Setting: ABE/ASE (GED)

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

Open entry/exit: Yes

Context: Community, Workplace

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

Benchmark(s): 4.2, 6.2, 7.2

Objective: To calculate the perimeter of polygons.

Materials: String, rulers, index cards, overheads, markers, projector, scissors

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

Estimated time needed to complete this lesson plan: 1 hour and 30 minutes

The Lesson Plan

Introduce the lesson:

Review various geometric figures (two-dimensional). Review related terms- length, width, etc. Identify real-world examples of these figures.

Teach the lesson:

As a class, choose a shape for a garden. Teacher models measuring and computing perimeter. Use both rulers and string.

Practice the lesson:

Students select real-life applications in pairs. Use index cards to cut appropriate shapes and measure their perimeters.

Assess the lesson:

Students present models to class and teacher gives feedback.

Apply the lesson to the real world:

Encourage students to find applications of perimeter at home and at work in their everyday lives.

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