Unit 2, Lesson 7

Different Square Units (Part 2)

Let's learn about larger square units.

Warm-up

Notice and Wonder: A Larger Square

What do you notice? What do you wonder?

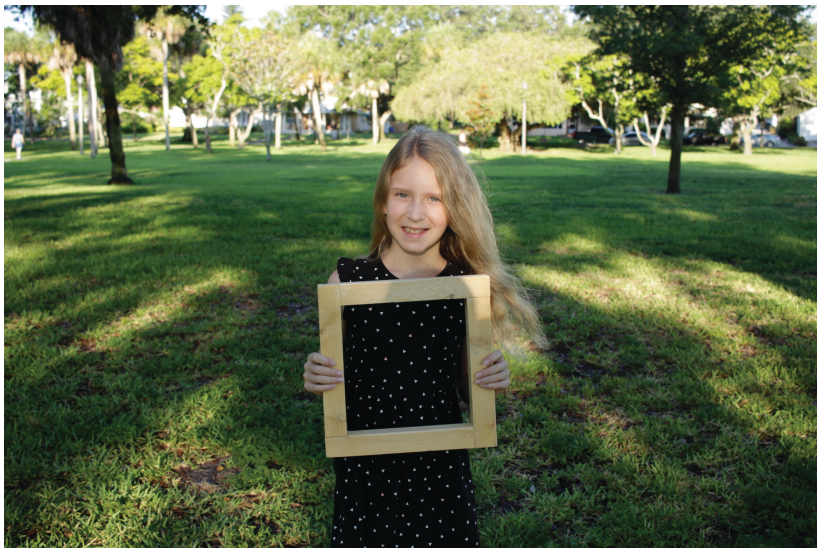
Activity 1

Square Feet and Square Meters

1. This is a square meter.

What kinds of areas would make sense to measure with square meters? Be ready to explain your reasoning.

2. This is a square foot.



What kinds of areas would make sense to measure with square feet? Be ready to explain your reasoning.

Activity 2

Which Square Unit?

1. For each area, tell if you would use square centimeters, square inches, square feet, or square meters to measure it. Be ready to explain your choices.

   a. a baseball field

   b. a book cover

   c. our classroom floor

   d. a piece of paper

   e. the top of a table

   f. the screen on a phone

2. Choose the area that best matches each item. Be ready to explain your reasoning.

- about 9 square inches
- about 3 square feet
- about 55 square centimeters
- about 55 square meters

a. a playing card

b. the floor of a classroom

c. a sticky note

d. the top of a student desk

Activity 3

Area Scavenger Hunt

Find an object or a space that you would measure with square inches, square centimeters, square feet, and square meters. Explain your unit choices.

area	square unit and reasoning
Example: a piece of paper	*Example:* "I think it can fit about 8 inches across and 10 inches down, so square inches work well. It can be measured in square centimeters, too, but it would just take a lot more squares. Square feet and square meters would be too large."