NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_ PERIOD\_\_\_\_\_\_\_

**Family Letter**



**Vocabulary**

**base** Any side of a parallelogram.

**composite figure** A figure made of triangles, quadrilaterals, semicircles, and other

two-dimensional figures.

**congruent** Having the same measure.

**formula** An equation that shows the relationship among certain quantities.

**height** The shortest distance from the base of a parallelogram to its opposite side.

**parallelogram** A quadrilateral with opposite sides parallel and opposite sides congruent.

**polygon** A simple closed figure formed by three or more straight line segments.

**rhombus** A parallelogram having four congruent sides.

**Dear Parent or Guardian:**

Today we began Chapter 9 Area. In this chapter, your student will learn how to find the area of geometric figures. Included in this letter are key vocabulary words and activities you can do with your student. If you have any questions or comments, feel free to contact me at school.

Sincerely,

**Course 1 · Chapter 9** Area

•

Multiply to approximate the number of

objects in the box.

•

Estimate how many rows or inches make

up the height of the box.

•

Estimate the number of objects within the

bottom row or inch of the box.

•

**Materials** boxes of equal-size small objects such as beans or pasta pieces

**Real-World Activity**

Search for free-form swimming pools.

Discuss ways you could estimate the floor area of these pools.

•

Discuss different ways you could divide

the pools into smaller figures to be able to find the area of the pool’s floor.

•

Search for geometric swimming pool

designs.

•

**Online Activity**

































Repeat this activity with the other boxes.

**Course 1** • **Chapter 9** Area

NAME

**At-Home Activities**

PERIOD

DATE