SCHOOL-to-HOME CONNECTIONS

Chapter 11

Shapes

Dear Family,

In this chapter, your child will learn about flat and solid shapes. Skills your child will practice include:

- recognizing circles and parts of circles
- dividing shapes into equal parts
- identifying and classifying solid shapes
- combining and separating solid shapes

Math Practice

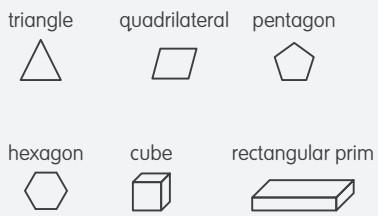
At the end of this chapter, you may want to carry out these activities with your child. These activities will help to strengthen your child's understanding of flat and solid shapes.

Activity 1

- Gather craft sticks and clay.
- Have your child use bits of clay to connect craft sticks to make flat shapes, including triangles, squares, rectangles, pentagons, and hexagons.
- Then challenge your child to use the same materials to build cubes and rectangular prisms.

Math Talk

Discuss the examples of **flat** shapes below, noting the attributes of a **triangle**, **quadrilateral**, **pentagon**, and **hexagon**. Count the number of sides and angles on each shape. Then discuss the features of **solid** shapes. Describe the number and shape of each **face** or **surface**, on the **cube** and on the **rectangular prism**.

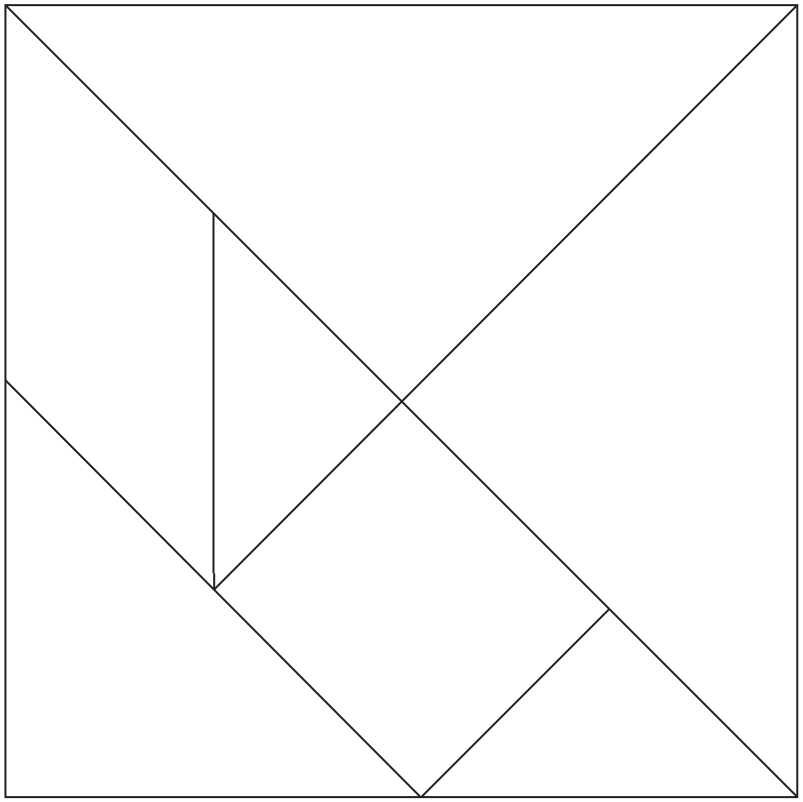




© 2020 Marshall Cavendish Education Pte Ltd

Activity 2

- Use store-bought tangram or make or go online to print free tangrams as shown.
- Work with your child to assemble different flat shapes to make a variety of animals, people, or objects.
- Discuss with your child what flat shapes are used to make each finished puzzle.



Activity 3

- Visit a library and read books about shapes, such as *Grandfather Tang's Story* by Ann Tompert; *When a Line Bends . . . A Shape Begins* by Rhonda Gowler Greene; *Shapes in Art* by Rebecca Rissman; and *I Spy Shapes in Art* by Lucy Micklethwait.



© 2020 Marshall Cavendish Education Pte Ltd