

# Geometry

## Grade 2

### Vocabulary Words Your Child Will Learn

**Cube:** a solid with 6 faces all the same size

**Closed Figure:** a plane figure that completely surrounds an area

**Edge:** the line segment where two faces of a solid figure meet

**Face:** a flat surface on a solid figure

**Figure:** a shape in 2 or 3 dimensions

**Half:** 2 equal parts

**Hexagon:** a figure with 6 sides

**Partition:** to divide into parts

**Pentagon:** a figure with 5 sides

**Open Figure:** a plane figure that does not completely enclose an area

**Quadrilateral:** a four-sided figure

**Thirds:** three equal parts

**Triangle:** a figure with 3 sides

**Vertex:** where two line segments, lines or rays meet to form an angle

**Whole:** all of the parts

### What Your Student Will Learn:

- ◆ Recognize and draw shapes with specified attributes such as number of sides, angles, or faces.
- ◆ Partition a rectangle into rows and columns and count to find the total.
- ◆ Partition circles and rectangles into two, three, or four equal shares.

### Everyday Activities You Can Do At Home:

- ◆ Look for 2-D and 3-D shapes around your house and community.
- ◆ Compare 2-D and 3-D shapes. Look for the 2-D shapes that make up the 3-D shapes.
- ◆ Talk about the shapes of foods that are eaten. For example, oranges are spheres.
- ◆ Talk about the shapes of containers in stores. For example, cans are cylinders and boxes are rectangular prisms or cubes.