

# Geometry

## Grade 4

### Vocabulary Words Your Student Will Learn

**Point:** An exact position or location.

**Angles:** The figure formed when two rays or line segments share the same endpoint.

**Line:** A straight path extending in both directions with no endpoints.

**Perpendicular Lines:** Lines that intersect to form right angles.

**Line Segments:** A part of a line that includes two points, called endpoints, and all the points between them.

**Parallel Lines:** Lines in a plane that never intersect.

**Ray:** A part of a line, with one endpoint, that continues without end in one direction.

**Two-Dimensional Figure:** A closed plane figure with length and width.

**Symmetry:** When one half of a figure looks like the mirror image of the other half.

### What Your Student Will Learn:

- ◆ Identify and draw points, lines, line segments, rays, angles (right, acute, obtuse) and perpendicular and parallel lines in 2-dimensional figures .
- ◆ Classify two-dimensional figures.
- ◆ Understand line of symmetry for a two-dimensional figure.

### Everyday Activities You Can Do At Home:

- ◆ Name two-dimensional figures and find examples at home.
- ◆ Identify, describe, and classify different household objects as two-dimensional figures.
- ◆ Identify real world angles as acute, right, or obtuse.
- ◆ Draw shapes. Identify their angles as obtuse, acute, and right angles.
- ◆ Draw pictures with intersecting lines, perpendicular lines, and parallel lines.
- ◆ Use tangrams to make two-dimensional figures.
- ◆ Practice multiplication and division facts.