

Geometry

Grade 3

Vocabulary Words Your Student Will Learn

Congruent: Shapes that have the same size and shape

Parallelogram: A quadrilateral with two pairs of parallel sides and two pairs of equal sides

Polygon: A closed, 2-D figure with straight lines

Quadrilateral: A polygon with four sides

Rectangle: A 2-D figure with 4 sides and 4 right angles, opposite sides are parallel

Rhombus: A 2-D figure with 4 equal sides and 4 angles (not necessarily equal), opposite sides are parallel

Square: A 2-D figure with 4 equal sides and 4 right angles

Fraction: A number that names part of a whole

Trapezoid: A 2-D figure that has 4 sides and 4 angles, one pair of sides is parallel

Right angle: An angle that forms a square corner

What Your Student Will Learn:

- ◆ Understand the attributes of quadrilaterals.
- ◆ Divide shapes into parts with equal areas.

Everyday Activities You Can Do At Home:

- ◆ Use grid paper to create congruent shapes.
- ◆ Identify, describe, and classify different household objects as solid figures.
- ◆ Identify angles that are less than, equal to and greater than right angles.
- ◆ Use tangrams to make plane figures.
- ◆ Cut pieces of yarn to make line segments. Measure each segment in inches (to the nearest quarter inch) and centimeters.
- ◆ Go stargazing and make imaginary line segments by connecting the stars (points). Create geometric shapes.
- ◆ Go on a shape hunt! Look for geometric shapes in your home and community. Create a chart to show your findings.