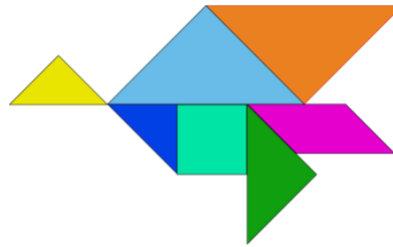




## 4<sup>th</sup> Grade Unit 6: Reasoning with Shapes



### Overview:

In this unit, students will continue to explore the many attributes of two-dimensional shapes, as well as solve problems involving area and perimeter.

### Learning Targets:

In Unit 6, students will:

- Draw points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines.
- Identify and classify angles and identify them in two-dimensional figures.
- Distinguish between parallel and perpendicular lines and use them in geometric figures.
- Identify differences and similarities among two dimensional figures based on the absence or presence of characteristics such as parallel or perpendicular lines and angles of a specified size. Sort objects based on parallelism, perpendicularity, and angle types.
- Recognize a right triangle as a category for classification.
- Identify lines of symmetry and classify line-symmetric figures.
- Draw lines of symmetry.

### Key Vocabulary: (linked to GA DOE Interactive Glossary)

Acute Angle	Angle	Area	Congruent	Equilateral Triangle
Isosceles Triangle	Kites	Line Segment	Obtuse Angle	Parallel
Parallelograms	Pentagons	Perimeter	Perpendicular	Polygon
Quadrilateral	Rectangles	Rhombus	Right Angle	Right Triangle
Scalene Triangle	Square	Symmetry	Trapezoids	Triangle

### Supporting Resources:

<http://ctlslearn.cobbk12.org/>

<https://gavirtual.instructure.com/courses/34725#modules>

[Symmetry](#)

[Types of Lines – Study Jams](#)

[Two-Dimensional Figures](#)

[Quadrilaterals](#)