**First Grade Unit 4**: Geometry: Identify, Compose, and Partition Shapes

During this unit, students you will be working on these math concepts:

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| **Concept** | **Example** |
| **Shape Attributes**  Closed Shape vs. Open Shape  Corners **(vertices)** , Straight Sides | **Open Shapes**  **Closed Shapes** |
| **Attributes of 2-D Shapes**  Image result for triangle clipart  Triangle  Square  Rectangle  Circle  Image result for trapezoid clipart  Trapezoid  Rhombus  Image result for square clipart  Image result for pentagon clipart  Pentagon  Image result for hexagon clipart  Hexagon  Image result for octagon clipartOctagon | Name # of sides # of corners  Triangle 3 3  Square 4 4  Rectangle 4 4  Circle 0 0  Trapezoid 4 4  Rhombus 4 4  Pentagon 5 5  Hexagon 6 6    Octagon 8 8 |
| **Attributes of 3-D Shapes**  Cone  Cube  Cylinder  Image result for cube clipartImage result for cylinder clipart  [Image result for cone clipart](http://www.clipartkid.com/cone-cliparts/)Rectangular Prism  Image result for sphere  clipart  Image result for rectangular prism  clipartSphere  Image result for pyramid  clipartPyramid | Name Faces  Cone 1 oval face  Cube 6 square faces  Cylinder 2 oval faces  Rectangular 6 rectangular faces  Prism  Sphere NO FLAT FACES  Pyramid 1 square face, 4 triangular faces |
| **Partitioning Shapes (equal parts**)  Cutting a shape into equal parts.  Halves, quarters (fourths) | L7 PS 1 001.jpg |
| **Partitioning Shapes (unequal parts)** | L7 PS 1 001.jpg |