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

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

|  |  |
| --- | --- |
| **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 clipartTriangle Square Rectangle Circle Image result for trapezoid clipartTrapezoid Rhombus Image result for square clipartImage result for pentagon clipartPentagon Image result for hexagon clipartHexagon Image result for octagon clipartOctagon  | Name # of sides # of cornersTriangle 3 3Square 4 4Rectangle 4 4Circle 0 0 Trapezoid 4 4Rhombus 4 4 Pentagon 5 5Hexagon 6 6 Octagon 8 8 |
| **Attributes of 3-D Shapes** Cone Cube Cylinder Image result for cube clipartImage result for cylinder clipartImage result for cone clipartRectangular Prism Image result for sphere  clipartImage result for rectangular prism  clipartSphere Image result for pyramid  clipartPyramid  | Name Faces Cone 1 oval face Cube 6 square facesCylinder 2 oval facesRectangular 6 rectangular facesPrismSphere NO FLAT FACESPyramid 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 |