### Learning Progressions for the Common Core State Standards Geometry

<table>
<thead>
<tr>
<th>In Grade 3, students</th>
<th>In Grade 4, students will</th>
<th>In Grade 5, students will</th>
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</thead>
</table>
| • recognized rhombuses, rectangles (that are not squares), and squares as quadrilaterals.  
  • drew examples of quadrilaterals that do not belong to a subcategory. | • use a protractor to measure angles.  
  • use an equation with a symbol for an unknown angle measure. | • understand the concepts of volume.  
  • use unit cubes to pack a right rectangular prism.  
  • relate volume to the operations of multiplication and division.  
  • classify two-dimensional figures in a hierarchy based on properties. |

### Content Standards Across the Grades

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<th>Grade 5</th>
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</table>
| • Understand that shapes in different categories may share attributes.  
  [CC.3.G.1]  
  • Partition shapes into parts with equal areas.  
  [CC.3.G.2] | • Recognize angles as geometric shapes.  
  [CC.4.MD.5]  
  • Recognize that an angle turn through $\frac{1}{360}$ of a circle is called a one-degree angle and can be used to measure angles.  
  [CC.4.MD.5a, 5b]  
  • Measure angles in whole-number degrees.  
  [CC.4.MD.6]  
  • Solve addition and subtraction problems to find unknown angles.  
  [CC.4.MD.7]  
  • Draw and identify two-dimensional figures.  
  [CC.4.G.1]  
  • Classify two-dimensional figures according to parallel or perpendicular sides or angles of a specified size.  
  [CC.4.G.2]  
  • Recognize and draw lines of symmetry for a two-dimensional figure.  
  [CC.5.G.3]  
  • Classify two-dimensional figures in a hierarchy.  
  [CC.5.G.4] |