DesCartes: A Continuum of Learning ${ }^{\circledR}$
Mathematics $\quad$ RIT Score Range: $\quad 221-230$

## Goal: Geometry

| Skills and Concepts to Enhance (73\% Probability*) 211-220 | Skills and Concepts to Develop (50\% Probability*) 221-230 | Skills and Concepts to Introduce (27\% Probability*) $231-240$ |
| :---: | :---: | :---: |
| Reason with Shapes, Attributes, \& Coordinate Plane | Reason with Shapes, Attributes, \& Coordinate Plane | Reason with Shapes, Attributes, \& Coordinate Plane |
| - Determines the distance between horizontal and vertical lines in the first quadrant of a rectangular coordinate system <br> - Locates the origin on a coordinate grid <br> - Identifies rays <br> - Identifies perpendicular lines <br> - Identifies acute angles <br> - Identifies obtuse angles <br> - Identifies and names a trapezoid <br> - Identifies and names a rhombus <br> - Identifies and names a quadrilateral <br> - Classifies polygons by type of angle <br> - Identifies corners (vertices) of cubes <br> - Identifies the number of edges on rectangular prisms <br> - Predicts and verifies the effects of combining or subdividing basic shapes | - Determines coordinates of geometric figures in the first quadrant <br> - Identifies rays <br> - Determines which lines are perpendicular (analysis) <br> - Identifies acute angles <br> - Recognizes the interior angle relationships of triangles <br> - Classifies equilateral triangles <br> - Identifies and names a rhombus <br> - Identifies and names a quadrilateral <br> - Compares polygons by properties <br> - Identifies properties of quadrilaterals <br> - Classifies polygons by type of angle <br> - Identifies the number of edges on rectangular prisms | - Determines which lines are perpendicular (analysis) <br> - Recognizes the interior angle relationships of triangles <br> - Classifies isosceles triangles <br> - Classifies scalene triangles <br> - Identifies properties of circles <br> - Compares polygons by properties <br> - Identifies properties of quadrilaterals |
| New Vocabulary: acute angle, congruent angle, obtuse angle, straight angle | New Vocabulary: None | New Vocabulary: None |
| New Signs and Symbols: $\angle$ angle, angle marker (arc) | New Signs and Symbols: None | New Signs and Symbols: congruent segment symbol |

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[^0]:    Explanatory Notes
     appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.

