Content Area: Math

Strand: Geometric and Spatial Relationships	**Missouri** **GLE:** G2A DOK 2
Reporting Topic: Coordinate geometry, right triangles and quadrilaterals (including the use of the Pythagorean Theorem)	
Grade: 8th	

Score 4.0	**In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:** • Analyze right triangles and quadrilaterals in a **real world context** using the Pythagorean Theorem
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	**The student will:** Use coordinate geometry to analyze properties of right triangles and quadrilaterals (including the use of the Pythagorean Theorem) **The students exhibits no major errors or gaps in the learning goal (complex Ideas and processes).**
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	**The student will:** • Identify right triangles and quadrilaterals on the coordinate plane using their properties • Understand basic terminology such as: o Right angle, leg, hypotenuse o Square, Rectangle, Parallelogram, Rhombus, Trapezoid, Kite **The student exhibits no major errors or gaps in the simpler details and processes**
	1.5 Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
Score 1.0	**With help, a partial understanding of the 2.0 content and some of the 3.0 content.**
	0.5 With help, a partial understanding of the 2.0 content and none of the 3.0 content.
Score 0.0	**Even with help, no understanding or skill demonstrated.**