Content Area: Mathematics Course: __Geometry_____

Strand: Geometric and Spatial Relationships			Missouri CLE
Power Standard: I will solve problems related to angle measure and equations of parallel and perpendicular lines.			
Kid-Friendly Objective: I will make connections to lines in algebra.			
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:** *given two points, write the equation of a line parallel to and then perpendicular to this line through another given point.		
	3.5	In addition to 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	**The student will:** *given two points, write the equation of the line through the points. The student 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 in 3.0 content	
Score 2.0	The student will: *given two points, find the slope of the line, slope of a parallel line, and slope of a perpendicular line. The student exhibits no major errors or gaps in the simpler details and processes.		
	1.5	Partial understanding of the 2.0 content and some of the 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.		

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4.0 Example Assessment Items

Given a pair of points, write the equation of the line parallel to this line through a given point and the equation of the line perpendicular to this line through the same given point.

a) (4, 3) and (6, 4)

b) (1, -5) and (-1, -2)

3.0 Example Assessment Items

Given each pair of points, write the equation of the line between the points.

a) (4, 3) and (6, 4)

b) (1, -5) and (-1, -2)

2.0 Example Assessment Items

Given the two points (4, -2) and (18, 28):

a) find the slope of a line between the two points

b) find the slope of a line parallel to this line

c) find the slope of a line perpendicular to this line