

Strand: Geometric and Spatial Relationships		Missouri CLE
Power Standard: I will use inductive and deductive reasoning to establish the validity of geometric conjectures, proved theorems, and critique arguments made by others.		
Kid-Friendly Objective: I will use geometric relationships in diagrams.		
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: *Sketch and label points and lines in two or more planes.	
	3.5	In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	The student will: *Sketch and label points and lines in a plane. 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 a diagram, identify collinear and non-collinear points, coplanar and non-coplanar points and lines. 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

Sketch and label a diagram to illustrate: Point X lies in Plane **P**, but a line containing X does **not** lie in Plane **P**.

3.0 Example Assessment Items

Sketch and label a diagram to illustrate: Points A and B lie on line m. Points B and C lie on line n. Lines m and n intersect.

2.0 Example Assessment Items

Given the diagram at the right, find:

- a) Two intersecting lines.
- b) A line that does not lie in plane Q
- c) Three collinear points
- d) Three non-collinear points

