Content Area: Science

Strand: Properties and Principles of Force and Motion	Missouri GLE:
Reporting Topic: Forces Affect Motion—Laws of Motion	2.2.A 2.2.D
Grade: 4	

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:** • **Explain how forces act on a moving object in detail giving a real world situation.** • **Experiment and apply new information on forces acting upon a moving object.** • **Explain the process of how electricity attracts and repels an object.**
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	**The student will:** • **Identify the forces acting on a moving object.** • **Describe and compare forces (Newton's) that is applied to a moving object.** • **Predict how electricity attracts or repels an object.** **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 of 3.0 content.
Score 2.0	**The student will:** • **Identify the forces acting on a moving object when given a word bank.** • **Describe the forces acting on the moving object.** • **Predict how electricity attracts or repels an abject after being shown.** **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 understand of the 2.0 content and none of the 3.0 content.
Score 0.0	**Even with help, no understanding or skill demonstrated.**