

Science Scoring Template

Power Standard: Matter, Properties, and Changes	Missouri GLE:
Grade: 6	1.1.A.a.b.c.d. 1.1.D.a.

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Design/conduct or create a model of an investigation that utilizes: mass, volume, pure substances, and mixtures and that demonstrates and explains physical and chemical properties, and physical and chemical changes.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> • Apply measuring mass and volume to classify something as matter. • Use physical and chemical properties to classify matter into pure substances or mixtures. • Use the Kinetic Theory of Matter to create a diagram and compare the volume of water as it changes temperature. <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <ul style="list-style-type: none"> • Identify and describe physical properties and chemical properties. • Identify and describe physical changes and chemical changes. • Identify pure substances. • Identify mixtures. • Identify the States of Matter of water. • Identify matter as anything that has mass and volume. <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
	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.