

Topic: Properties and Changes of Matter	
Included Standards: SC.4.P.8.1 (SC.4.P.8.1 SC.4.P.8.2 SC.4.P.8.3) SC.4.P.8.4 SC.4.P.9.1	
Grade: 4th	
Score 4.0	<p>In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.</p> <ul style="list-style-type: none"> • Generate and test basic properties of matter. • investigate the difference between weight and mass
Score 3.0	<p>The student will understand physical properties of matter.</p> <p>Performs complex skills:</p> <ul style="list-style-type: none"> • Compare and contrast basic properties of matter. • Measure physical properties. • Classify physical properties. • Evaluate the changes water undergoes when it changes state through heating and cooling by using familiar scientific terms. • Describe familiar changes in materials that result in other materials with different characteristics. • The student exhibits no major errors or omissions regarding the score 3.0 content.
Score 2.0	<p>The student:</p> <ul style="list-style-type: none"> • Recognizes or recalls specific terminology: <ul style="list-style-type: none"> ○ Physical properties (mass, volume, solids, liquids, gases, size, shape, color, texture, hardness, odor, taste, attraction to magnets, decaying animal or plant matter, burning, rusting, and cooking .) ○ Celsius, Fahrenheit ○ Performs basic skills: <ul style="list-style-type: none"> ○ Describe physical properties of matter. ○ Describe that matter can undergo a variety of changes. ○ Describe that matter can be changed physically or chemically. ○ Use dual thermometers to identify in degrees Celsius and Fahrenheit (conversions are not required) <p>No major errors or omissions regarding the score 2.0 content.</p>
Score 1.0	With help, I know some of 2.0 and 3.0.
Score 0.0	Even with help, I am unable to understand.