

# Comprehensive/Foundations Physical Science Quarter One

Big Idea: Students will successfully be able to distinguish substances based on their chemical and physical properties.

Essential Learning Competency	Teaching Tools and/or Skills Required	Formative Assessments	Summative Assessments (w/Rubrics)
<p>1. Students will be able to classify and record physical and chemical properties of matter.</p> <p>(Ch 2.2 &amp; Ch 3.1)</p>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Videos</li> <li>Demonstrations</li> </ul> <p>Skills:</p> <ul style="list-style-type: none"> <li>Identify scientific tools correctly</li> <li>Read scientific tools accurately</li> <li>Calculate accurately density, volume</li> <li>Make observations</li> <li>Record data accurately</li> <li>Follow written procedure</li> </ul>	<ul style="list-style-type: none"> <li>Density Lab</li> <li>Measurement labs</li> <li>Measurement Practice Sheets</li> <li>Density practice problems</li> <li>Separation of Mixtures Lab</li> <li>Quizzes</li> </ul>	<ul style="list-style-type: none"> <li>Written Test</li> <li>Measuring Lab Practical (Density)</li> <li>States of Matter Project</li> </ul>
<p>2. Students will be able to identify and record chemical and physical changes.</p> <p>(Ch 2.3 &amp; 3.3)</p>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Videos</li> <li>Demonstrations</li> </ul> <p>Skills:</p> <ul style="list-style-type: none"> <li>Make Observations</li> <li>Record Data accurately</li> <li></li> </ul>	<ul style="list-style-type: none"> <li>State of Matter Lab</li> <li>White Powder Lab (demo)</li> </ul>	
<p>3. Students will be able to classify matter as an element, compound, or mixture.</p> <p>(Ch 2.1)</p>	<ul style="list-style-type: none"> <li>Lecture</li> <li>Videos</li> <li>Demonstrations</li> </ul> <p>Skills:</p> <ul style="list-style-type: none"> <li>Make observations</li> <li>Record data accurately</li> <li>Follow written procedure</li> </ul>	<ul style="list-style-type: none"> <li>Elements, Compounds and Mixtures Lab</li> <li>Nuts &amp; Bolts Activity</li> <li>Practice sheets</li> <li>Quiz</li> </ul>	