

Unit Name: Chemistry			Days to Teach: 6 weeks within 1 <sup>st</sup> and 2nd 6 Weeks
Date Taught	TEKS	Content/Vocabulary	Guiding Questions
	<p>7.7 a-c</p> <p>(A) identify and demonstrate everyday examples of chemical phenomena such as rusting and tarnishing of metals and burning of wood;</p> <p>(B) describe physical properties of elements and identify how they are used to position an element on the periodic table; and</p> <p>(C) Recognize that compounds are composed of elements.</p>	<p>Periodic Table Element Compound Nucleus Proton Neutron Electron Atomic number Atomic mass Molecule Reactivity Valence electron Covalent bond Ionic bond Metal Nonmetal Chemical Change Physical Change Chemical Property Physical Property</p>	<p><b><u>Properties of Matter: Physical and Chemical Properties:</u></b></p> <p><b><u>Guided Question:</u></b> 1. How can you differentiate between a chemical and physical change and/or property? I. Identify and demonstrate everyday examples of physical and chemical change</p> <p><b><u>Guided Questions:</u></b> 1. What characteristics are used to determine an element's position on the periodic table?  II. Describe physical properties of elements and identify how they are used to position an element of the periodic table. III. Atomic Structure</p> <p><b><u>Guided Question</u></b> 1. What is used to determine the difference between an element and a compound? IV. Compounds are composed of one or more elements.</p>