

Chemistry- Unit Review Weekly HW

8.P.1 Understand the properties of matter and changes that occur when matter interacts in an open and closed system.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY
<p>12 8.P.1.1 Review</p> <hr/> <p>1. What are the most basic building blocks of matter?</p> <p>2. What is the difference between an element and a compound?</p> <p>3. Create a visual representation of a homogeneous mixture AND a heterogeneous mixture. Explain why each is considered that type of mixture.</p> <p>4. Describe the difference in how the particles move in a solid, liquid, and gas.</p> <p style="text-align: center;">DUE FRIDAY</p>	<p>13 8.P.1.2 Review</p> <hr/> <p>1. How are elements on the periodic table of elements arranged?</p> <p>2. How many groups are on the Periodic Table of Elements? How many periods?</p> <p>3. What is the MOST Reactive group/family on the PTE? Where is it located (left, right, center)? What is the LEAST reactive group/family? Where is it located?</p> <p>4. How does reactivity change on the PTE?</p> <p style="text-align: center;">DUE FRIDAY</p>	<p>14 8.P.1.3 Review</p> <hr/> <p>1. When trying to observe properties of matter, which property can you observe without changing anything? Which properties can only be observed if the matter is changed?</p> <p>2. Create 2 Venn diagrams that:</p> <p style="margin-left: 20px;">a. Compares and contrasts physical properties & chemical properties. Include AT LEAST 2 examples.</p> <p style="margin-left: 20px;">b. Compares and contrasts physical changes and chemical changes. Include AT LEAST 2 examples.</p> <p style="text-align: center;">DUE FRIDAY</p>	<p>15 8.P.1.4 Review</p> <hr/> <p>1. What is the law of conservation of mass and how does it relate to chemical reactions?</p> <p>2. Explain why the law of conservation of mass is best observed in a closed container compared to an open one.</p> <p style="text-align: center;">DUE FRIDAY</p>

Staple this sheet to the front of your completed homework packet prior to submitting them on Friday.