

# February 2018

February 2018						
◀ Jan 2018						Mar 2018 ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				<b>1</b> Day 3 Pure Substances vs. Mixtures Homogeneous vs. Heterogeneous p.227 #2-4	<b>2</b> Day 4 Particle Model Particle Model Skit p.227 #5-6	<b>3</b>
<b>4</b>	<b>5</b> Day 5 <b>Quiz:</b> -classification of particles -Pure substances vs. Mixtures - Homo vs. Hetero mixtures - Particle model	<b>6</b> Day 6 Physical Properties: - melting, boiling, density and solubility Density Solids vs. liquids CALCULATIONS p.250 #1-3	<b>7</b> Day 1 Orlando Density Solids vs. liquids CALCULATIONS	<b>8</b> Day 2 Orlando Density of a solid and a liquid pre-lab Practice Calculations	<b>9</b> PED DAY	<b>10</b>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>11</b>	<p><b>12</b> Day 3</p> <p>Density of a solid and a liquid <b>Lab</b></p> <p>Calculations</p>	<p><b>13</b> Day 4</p> <p>Analyze and write up conclusion</p> <p>Physical Properties: - melting, boiling, density and solubility</p> <p>Notes.</p> <p>Effects of Temperature on Solubility</p> <p>Prepare Gizmo Accounts</p> <p>p.250 #4-7</p>	<p><b>14</b> Day 5</p> <p>Complete Gizmo</p> <p>Review for Test</p>	<p><b>15</b> Day 6</p> <p><b>Test</b></p> <ul style="list-style-type: none"> <li>-Classification of particles (atoms vs molecules; elements vs. compounds)</li> <li>- Particle model</li> <li>-Pure substances vs. mixtures</li> <li>- Homo vs. Hetero mixtures</li> <li>- Physical Properties of Matter ( melting point, boiling point, solubility and density)</li> <li>- Density – how to calculate for a solid and a liquid</li> <li>-Effects of Temperature on Solubility</li> </ul>	<p><b>16</b> Day 1</p>	<p><b>17</b></p>

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<p><b>18</b></p>	<p><b>19</b> Day 2</p> <p>Indicators Pre- Lab</p> <p><b>Characteristic Chemical Properties</b> <b>pH scale Indicators</b></p> <p>Gas Tests <b>Demo</b> – H<sub>2</sub>, O<sub>2</sub>, CO<sub>2</sub></p> <p>Ce sheet p.251 #8-9</p>	<p><b>20</b> Day 3</p> <p>Indicators <b>Lab</b></p>	<p><b>21</b> Day 4</p> <p>Complete Indicators Lab</p> <p><b>Physical vs. Chemical Changes of Matter</b></p> <p><b>Physical Changes</b> - review of all the <b>phase changes</b> &amp; connect to <b>particle model</b></p> <p>p.275 # 1, 8-11</p>	<p><b>22</b> Day 5</p> <p>Black and gold</p> <p>Pre-lab Chemical vs. Physical Change</p> <p>What is a chemical reaction?</p> <p><b>Evidence for a chemical change</b></p> <p>Electrolysis <b>Demo</b></p> <p>Review the gas tests</p> <p>p.276 # 12-14</p>	<p><b>23</b> Day 6</p> <p>Black and gold</p> <p>Ski trip</p> <p><b>Lab: Chemical vs. Physical Change</b></p>	<p><b>24</b></p>	
<p><b>25</b></p>	<p><b>26</b> Day 1</p> <p>Complete the lab on Chemical vs. Physical Changes</p> <p>Practice sheets on properties and changes</p>	<p><b>27</b> Day 2</p> <p><b>Synthesis vs. Decomposition reaction</b></p> <p><b>Precipitation and oxidation</b></p> <p>Concept attainment activity</p> <p>Paste the notes p.276 # 12-20</p> <p>Practice</p>	<p><b>28</b> Day 3</p> <p><b>Quiz: Chemical Properties, Physical and chemical changes</b></p>				