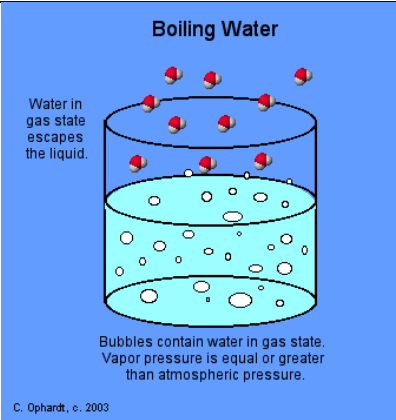
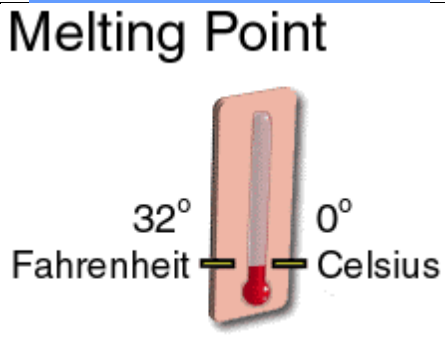










Vocabulary #8 STAAR
Matter and Energy Lesson 2: Mixtures and Solutions

<p>Boiling point</p>	<p>The temperature at which a substance changes from a liquid to a gas.</p>		<p>The boiling point of water is 100 degrees Celsius.</p>
<p>Melting point</p>	<p>The temperature at which a substance changes from a solid to a liquid.</p>		<p>The melting point of water is 0 degrees Celsius.</p>
<p>Physical property</p>	<p>A characteristic of matter that can be observed or measured and can be changed without changing the matter itself.</p>		<p>One physical property of water is that it occurs naturally on earth in all three states. We can watch it change from a solid to a liquid to a gas.</p>
<p>Density</p>	<p>Refers to whether an object will sink or float.</p>		<p>I can tell the cork is less dense than the water because it floats on the water's surface.</p>

Vocabulary #8 STAAR
Matter and Energy Lesson 2: Mixtures and Solutions

<p>Mixture</p>	<p>A combination of two or more substances that do not join together to form a new substance.</p>		<p>Marbles and wooden blocks together in a container would be a mixture.</p>
<p>Solubility</p>	<p>The ability of a substance to dissolve in a liquid.</p>		<p>The solubility of the powder was tested as we watched it dissolve in the liquid.</p>
<p>Solution</p>	<p>A mixture in which the substances are spread out evenly between one another and cannot be told apart.</p>		<p>Sugar and water form a solution when mixed together.</p>

Vocabulary #8 STAAR
Matter and Energy Lesson 2: Mixtures and Solutions

Freezing point	The temperature at which a substance changes from a liquid to a solid.		Water will reach its freezing point at 0 degrees Celsius.
Physical change	A change in the appearance of matter without actually changing the matter itself.		Cutting a piece of cardboard would be a physical change.
Temperature	The measurement of how hot or cold a substance is.		The students were required to measure the temperature of the liquid every 3 minutes for 12 minutes.