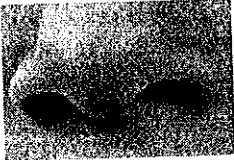
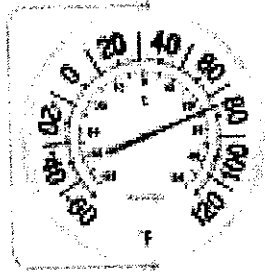


<p>What is a physical change?</p>	<p>A change in the substance that does not change the identity of a substance.</p>
<p>What are some examples of a physical change?</p>	<ul style="list-style-type: none"> <li>• Wool made into a sweater</li> <li>• Boiling water</li> <li>• Stretching a rubber band</li> </ul>
<p>What is a chemical change?</p>	<p>The identity of a substance changes and it becomes something else</p>
<p>What are some examples of a chemical change?</p>	<ul style="list-style-type: none"> <li>• Wood burning</li> <li>• Silver spoon tarnishing</li> <li>• Gate rusting</li> <li>• Bleach on jeans</li> <li>• Copper turns green</li> </ul>
<p>5 Signs of a Chemical Change</p>	<ul style="list-style-type: none"> <li>• Produces an odor (a smell)</li> <li>• Change in temperature</li> <li>• Change in color</li> <li>• Makes bubbles</li> <li>• Makes a solid</li> </ul>
<p>Produce an Odor</p> 	<p>A smell appears</p> <p>An example would be a thunderstorm. The lightening has caused a chemical change in the air.</p>

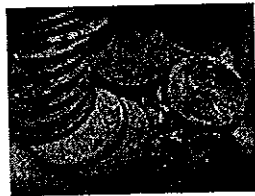
Change in temperature



Temperature goes up or down

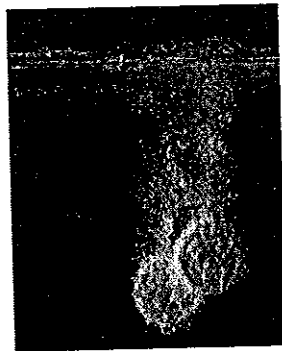
An example would be a log burning. The fire burns the wood and it turns to ash.

Change in color



An example would be a copper penny turning green or the Statue of Liberty that turned green.

Formation of bubbles



Bubbles are made

An example would be putting an antacid tablet in a cup of water.

Formation of a solid



A solid is made

An example would be the shells of clams and mussels are made from substances in sea water and substances from the animal.

<p>How are physical changes and chemical changes alike?</p>	<ul style="list-style-type: none"><li>• Both are changes</li><li>• Both involve a substance</li><li>• Both have properties</li><li>• Both can have a change in color</li></ul>
<p>How are physical changes and chemical changes different?</p>	<p>Physical changes do not change the identity of the substance. Chemical changes change the identity of the chemical make-up.</p>