

<b>Topic/Objectives:</b> 13-1 Minerals and Rocks; (1) Explain what a mineral is, (2) Describe how minerals form, (3) Identify types of rocks and the stages of the rock cycle.	<b>Name:</b>
	<b>Date:</b>
	<b>Period:</b>

**Essential Question:** Where do minerals come from?

<b>Questions:</b>	<b>Notes:</b>
	<p>What is a Mineral?</p> <ul style="list-style-type: none"> <li>◦ Formed by Earth’s natural processes</li> <li>◦ Cannot contain _____ or _____ bonding</li> <li>◦ Are _____ at Earth’s surface and crystalline</li> <li>◦ Composition is _____</li> </ul> <p>Mineral Formation</p> <ul style="list-style-type: none"> <li>◦ Mineral crystals may form as magma _____ or lava _____</li> <li>◦ Minerals may form when water evaporates leaving the solid crystals (_____)</li> <li>◦ _____ and temperature arrange atoms in a specific pattern to form crystals</li> <li>◦ _____ may form inorganic minerals for protection or support (ex. mollusk shells, coral)</li> </ul>
	<p>Rocks</p> <ul style="list-style-type: none"> <li>◦ Rock is a _____ occurring solid mass of minerals and mineral-like material.</li> <li>◦ Rocks are formed from continual heating, melting, cooling, weathering and erosion.</li> <li>◦ Rocks are of three different types:               <ol style="list-style-type: none"> <li>1. _____ – rock formed from cooling magma (ex. granite, basalt)</li> <li>2. _____ – rock that is exposed on Earth’s surface and its conditions (ex. coal, limestone, gypsum)</li> <li>3. _____ – rock exposed to heat or pressure below the surface (ex. marble)</li> </ol> </li> </ul>

**Summary:**