

Notes: Types of Rocks

<p>What is a Rock?</p>	<p>A rock is a naturally formed _____ mixture containing _____ fragments, glass, and organic matter</p>
<p>Igneous Rocks</p>	<p>Form from the _____ and _____ of lava or magma.</p> <ul style="list-style-type: none"> • Lava: molten material _____ Earth's surface. • Magma: molten material _____ Earth's surface. <p>The word _____ comes from the Greek word for _____.</p> <p>Igneous rocks are the _____ rocks on the Earth.</p> <p><u>Intrusive Igneous Rocks</u></p> <p>Form _____ the Earth's surface from cooling & hardening magma.</p> <p>Have _____ grain sizes because the rock cooled _____ allowing the grains to form.</p> <p><u>Extrusive Igneous Rocks</u></p> <p>Form from the cooling and hardening of lava on the Earth's surface</p> <p>Cool _____, therefore they have very small or _____ grains.</p>
<p>Sedimentary Rocks</p>	<p>Form through the _____ or _____ of sediments</p> <p><u>Sediments</u></p> <p>_____ rocks & minerals</p> <p>Formed from rocks _____ down by weathering.</p> <p><u>Compaction</u></p> <p>Occurs when sediments are _____ and _____ together by the weight of the material _____ them.</p> <p>Sedimentary rocks have _____ or stripes</p> <p><u>Cementation</u></p> <p>Occurs when water carrying _____ that act like glue evaporates causing the sediments left behind to _____ together.</p>

<p>Sedimentary (Continued)</p>	<p>3 Types of _____ Rocks</p> <p><u>1. Clastic Sedimentary Rocks</u></p> <p>Made mostly of _____.</p> <p>The _____ can come in _____ different sizes:</p> <ul style="list-style-type: none"> • Coarse, • _____, • Fine • _____ Fine <p><u>2. Chemical Sedimentary Rocks</u></p> <p>Sedimentary rocks formed from water _____ away leaving behind a _____ together rock.</p> <p><u>3. Organic Sedimentary Rocks</u></p> <p>Formed from the _____ of living organisms being _____ together</p>
<p>Metamorphic</p>	<p>Formed _____ underground where other types of rocks encounter _____ heat and _____ to chemically change into _____ rocks.</p> <p><u>Types of Metamorphic Rocks</u></p> <p>Foliated – has a _____ appearance.</p> <p>Non-foliated – does _____ have a banded appearance.</p>
<p>The rock cycle</p>	<p>The rock cycle is a _____ that shows how rocks _____ from one form to another over time.</p>