

Rock Cycle Notes

<p>What is a Rock?</p> <p>Igneous Rocks</p>	<p>A rock is a naturally formed _____ mixture containing _____ fragments, glass, and organic matter</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><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>

Sedimentary
(Continued)

3 Types of _____ Rocks

1. Clastic Sedimentary Rocks

Made mostly of _____.

The _____ can come in _____ different sizes:

- Coarse,
- _____,
- Fine, and
- _____ Fine

2. Chemical Sedimentary Rocks

Sedimentary rocks formed from water _____ away leaving behind a _____ together rock.

3. Organic Sedimentary Rocks

Formed from the _____ of living organisms being _____ together

Metamorphic

Formed _____ underground where other types of rocks encounter _____ heat and _____ to chemically change into _____ rocks.

Types of Metamorphic Rocks

Foliated – has a _____ appearance.

Non-foliated – does _____ have a banded appearance.