What’s going to be on the Rock Cycle Test?

## Essential Vocabulary- Review these rock cycle NEWS Words

Sedimentary Rock

Igneous Rock

Metamorphic Rock

Weathering

Erosion

Deposition

Molten

Extrusive

Intrusive

Lithification

Compacting

Cementing

## Rock Cycle Background Info

1. Who Developed the original idea of the Rock Cycle? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What two factors did he believe were the driving forces of the Rock Cycle?

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1. What factor did scientists later find out was just as important as his original ideas?

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## Rock Formation Processes- How does an existing rock turn into a different type of rock?

**Sedimentary Rock**- Identify the steps needed for a sedimentary rock to form. Include a description of how each process works.

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| --- | --- | --- | --- |
| Step 1 | Step 2 | Step 3 | Step 4 |
|  |  |  |  |

Give 2 examples of rock weathering. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Metamorphic Rock**- Identify the steps needed for a metamorphic rock to form. Include a description of how each process works.

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| Step 1 | Step 2 |
|  |  |

**Igneous Rock**- Identify the steps needed for an igneous rock to form. Include a description of how each process works.

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| Step 1 | Step 2 |
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What is the difference between *extrusive* and *intrusive* igneous rock? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Rock Characteristics

What visible evidence can help you identify each type of rocks (defining characteristics)?

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| --- | --- | --- |
| Characteristics of Sedimentary Rocks | Characteristics of Metamorphic Rocks | Characteristics of Igneous Rocks |
|  |  |  |