

Rock Study Guide

To Know:

C.28 Understands the characteristics necessary to identify rocks

- 1) **Vocab:** Color, Texture, Mineral composition
- 2) Understands and can identify the different elements of texture:
 - a) Grain size (coarse, fine)
 - b) Grain shape (rounded, jagged)
 - c) Grain pattern (banded, non-banded)

C.29 Understands how igneous rock is formed

- 1) **Vocab:** lava, magma, intrusive, extrusive, coarse grained, fine grained
- 2) Knows the difference between intrusive and extrusive igneous rock (where formed, grain size)

C.30 Understands how sedimentary rock is formed

- 1) **Vocab:** erode, deposit, compact, cement, clastic, organic, chemical
- 2) Can explain the steps, in order, to create sedimentary rock
- 3) Can explain how clastic, organic and chemical rocks are formed.

C.31 Understands how metamorphic rock is formed

- 1) **Vocab:** Foliated and non-foliated
- 2) Knows the difference between foliated and non-foliated metamorphic rocks.

C.32 Understands the different types of weathering and how they impact rock on Earth's surface

- 1) **Vocab:** weathering, mechanical weathering, chemical weathering
- 2) Knows how rocks is weathered differently through mechanical and chemical weathering
- 3) Knows examples and can identify mechanical and chemical weathering

To Do:

- Vocab Game (Link #28 website)
- Crossword (link 30 – Notability)

C.28 Understands the characteristics necessary to identify rocks

- Study Rocks are Like Chex Mix Notes (file 21 Notability)
- Study Rock Outline Notes (file 20 – Notability)
- Look over Weathering Lab (file 21A – Notability)

C.29 Understands how igneous rock is formed

- Review Rock Type Notes (file 23 – Notability)
- Review Igneous reading notes (file 22 – Notability)
- Review Rock Type chart (file 29 in Notability)
- Explain Everything review page (file 32 – Explain everything)

C.30 Understands how sedimentary rock is formed

- Review Rock Type Notes (file 23 – Notability)
- Review Sedimentary reading notes (file 22 – Notability)
- Review Rock Type chart (file 29 in Notability)
- Explain Everything review page (file 32 – Explain everything)

C.31 Understands how metamorphic rock is formed

- Review Rock Type Notes (file 23 – Notability)
- Review Metamorphic reading notes (file 22 – Notability)
- Review Rock Type chart (file 29 in Notability)
- Explain Everything review page (file 32 – Explain everything)

C.32 Understands the different types of weathering and how they impact rock on Earth's surface

- Review Weathering reading HW (file 23B Notability)
- Review Weathering Notes in slideshow (file #23 Notability)
- Review Mechanical vs. Chemical weathering lab (file 24 – Notability)