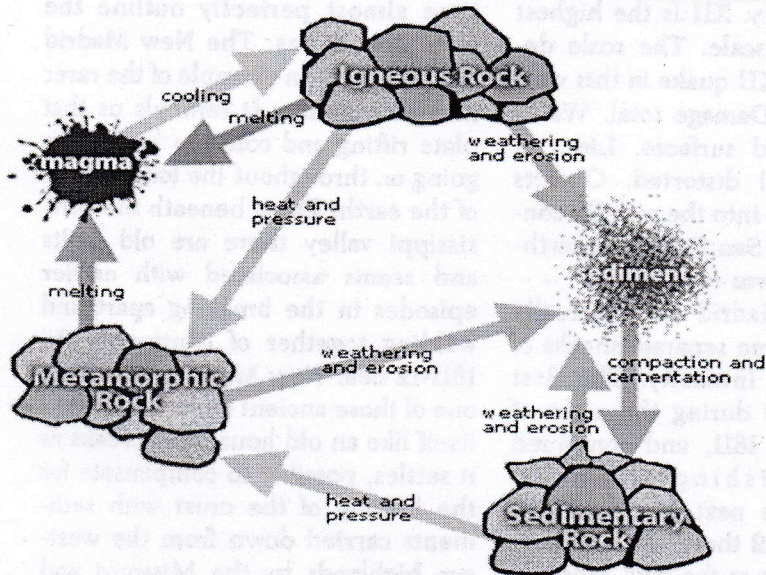


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Create Your Own: Rocks, Soil, Weathering and Erosion Study Guide



1. Draw and Label this diagram of the rock cycle in your notes. You will have to fill in the blanks on the test.

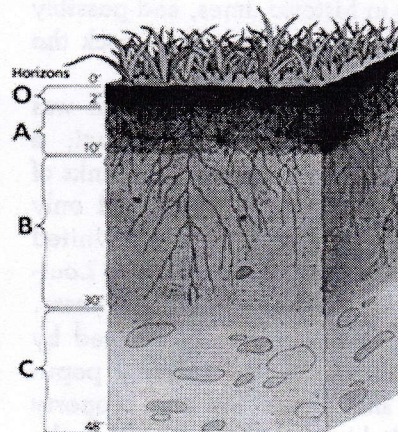
2. What forces create each type of rock?

3. What are the different types of rocks and the different types of each rock (like intrusive or extrusive igneous rocks)?

4. What is the difference between weathering and erosion? What causes weathering (both chemical and physical)? What are the differences between different types of physical weathering (abrasion and wedging)? What causes erosion?

5. Make sure you know the names and basic descriptions of each soil layer to the right. Where is the organic material? Where is the parent rock/material?

6. How much of the Earth can be used for farming? What is happening to farmlands around the world? What do we grow in North Carolina?



7. Make sure you know how to locate soil type using the soil triangle

8. How is soil formed and what factors help create it?

9. What is causing beach erosion and what are some things humans are doing to prevent or stop beach erosion?

10. What are the major geological events that helped create North Carolina as we know it?

11. How did the Grand Canyon formed? Or using your own example (Devil's Tower, Smarties, etc.) Describe how this is an example of weathering. What type of weathering (mechanical/ chemical) was involved, and what happened because of the weathering.

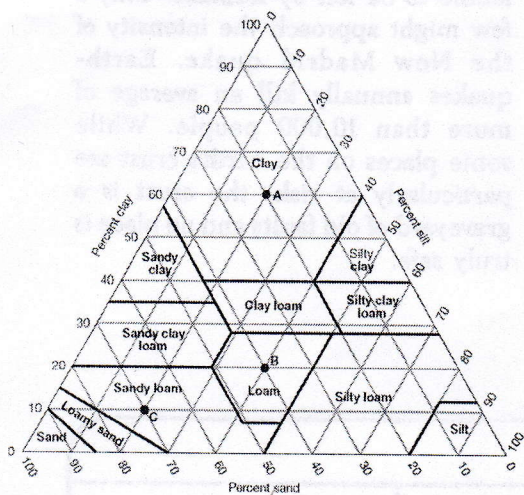


Figure 5-1

involved, and what happened because of the weathering.

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