

Rocks and Minerals Replacement grade:

For Assignment: IT Ch 3 and Mineral Quiz 1

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 4, 2013.

Over your summer break, you and some of your friends visited Stone Mountain Park. You all climbed to the top of Stone Mountain. On your hike up the mountain you noticed pieces breaking off, so you picked a small piece to take home. Your science teacher told you that Stone Mountain was made of granite. When you got home you showed the rock to your parents and told them about your trip. Explain to your parents what type of rock you found and how it formed.

Rocks and Minerals Replacement grade:

For Assignment: Mineral Flaps due 8/16

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 4, 2013.

Kaolin is a mineral that is used in making paper, rubber, linoleum and paints. Georgia is the number one producer of kaolin in the United States. Suppose that, due to rising costs, our state has decided to cut back on the mining of kaolin. Write a letter to convince the State Department that kaolin is too useful to us to cut back on its production.

Rocks and Minerals Replacement grade:

For assignment: IT pages 51-56

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 4, 2013.

You and your brother love playing in the creek near your apartment building. One day this spring you found a rock that had black and white bands on it. You told your brother that the rock must have been deep underground at one time and is a Metamorphic Rock. He didn't believe you and he thinks the rock is Igneous or Sedimentary because you found it at the creek. Persuade him to believe your theory that the rock was deep inside the Earth at one time and explain to him why it is a Metamorphic Rock.

Rocks and Minerals Replacement grade:

For assignment: Minerals and Rocks Quiz 2

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 4, 2013.

Refer back to the lab we did on the way rocks are formed (with airheads). Trace the path of a piece of sediment through its journey in the rock cycle. You need to go through at least five processes of the rock cycle.

Paleontology Replacement grade:

For assignment: Paleo Quiz 1

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 12, 2013.

You and your friend have found a fossil while hiking in the woods near your house. You are able to identify it as a trilobite, using your science textbook. You hear on the news that the area in which you found the trilobite is going to be bulldozed to form a new shopping mall site. How would you and your friend convince the local zoning board to preserve this site as an archeological area instead of destroying it to build the mall? Use science terms you have learned in this unit to discuss relative dating.

Paleontology Replacement Grade:

For assignment: Paleo Quiz 2

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 12, 2013.

Imagine that you are on vacation with your family in the Galapagos Islands. You are approaching one of the islands and notice that between the layers of dark rock, there is a thick white layer that looks very different. When you get closer, you can see that the white layer consists of organic material such as shells and bones. Explain how this layer of rock could have formed between the other layers of basalt, which is an igneous rock.

Paleontology Replacement Grade:

For assignment: Paleo Flaps and IT pages

Directions:

For this assignment, complete an essay that is a minimum of five paragraphs. The essay should be typed, in Times New Roman, Size 12. This is due no later than October 12, 2013.

Describe how fossils show evidence that Earth's surface has changed throughout time using the following terms:

- fossil
- relative age
- index fossil
- geologic time scale
- Law of Superposition
- uniformitarianism
- original horizontality
- extinction