

# Paleontology Replacement Grades

Below, find directions for your paleontology replacement grade opportunities. Please type your essay, making sure to use your heading and include which prompt you are completing and what you are replacing.

The sooner you turn this in, the sooner your grade will be changed. Paleontology replacement essays are due no later than **MONDAY DECEMBER 3**

To replace with up to a 75%:	Complete this:
IT pages 87-90 & Vocab Quiz 1	Expository prompt 1
Paleo Quiz 1 & BrainPop: Fossils	Expository prompt 2
Paleo Flaps & BrainPop: Geologic Time	Persuasive prompt 1
Paleo Foldable & Lab: Half Life	Persuasive prompt 2

Writing Prompts	
Expository	Persuasive
<p><b>Prompt 1:</b></p> <p>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.</p> <p><b>Prompt 2:</b></p> <p>Fossils provide information about ancient living things, environments and the climates that existed. Use your knowledge from the fossil lab to explain how fossil evidence can reveal how the climate and the surface of the earth have changed.</p>	<p><b>Prompt 1:</b></p> <p>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.</p> <p><b>Prompt 2:</b></p> <p>This morning CNN reported that “A fossil of a fish was found in the desert of Australia, encased in sandstone.” Your big brother believes that this is not possible and that this fossil is a fake. Using your knowledge about fossils, plus the data from your experiment, how could you convince your big brother that it is possible to find a fish fossil in the desert?</p>