

II. Second Revision to Model:

How is Climate Change
going to cause
the 6th Mass extinction

Evidence
1

Evidence
2

Evidence
3

Previously, there have been 5 mass extinctions. Today, scientists believe we are entering a 6th mass extinction.

Over the course of this unit, you were able to:

Phenomenon:

1. Analyze geoscience data to make the claim that one change to Earth's surface can create feedbacks that cause changes to other Earth systems.
2. Plan and conduct an investigation of the properties of water and its effects on Earth materials and surface processes.
3. Develop a quantitative model to describe the cycling of carbon among the hydrosphere, atmosphere, geosphere and biosphere
4. Construct an argument based on evidence about the simultaneous coevolution of Earth's systems and life on Earth.
5. Use a model to describe how variations in the flow of energy into and out of Earth's systems result in changes in climate
6. Analyze geoscience data and the results from the global climate models to make an evidence-based forecast of the current rate of global or regional climate change and associated future impacts on Earth's Systems
7. Construct an argument based on evidence about the simultaneous coevolution of Earth's systems and life on Earth.

Directions: You and your group will obtain further research on the above-mentioned topics. With this new-found research and new learning of the above-mentioned topics, you will revise your FIRST revision of your model (check schoology to review your previous model) with your group.

Roles:

Researchers: You must find credible resources to use in your research template. You are responsible to read your resources aloud with your group members and highlight important information that would help explain the phenomenon. * Note: You are responsible to obtain current evidence (ie. Graphs, research, or other data) to support your claim

Presentation & Works Cited: You must cite your resources used from your researcher. Use easybib.com to assist you. Please attach a works cited page to the back of your research template. You are also responsible to organize a presentation that includes ALL group members. This can be a powerpoint, prezzi, video, poster, etc. * Note: Please see the presentation rubric for further assistance

Annotator: Your job is to accurately summarize the researcher's findings into a complete research template.

Director: You are responsible to make sure everyone is completing each task effectively. If you see a group member inefficiently working, it is your job to get them back on track! You should be assisting the Presentation & Works Cited Group Member and the researcher! This role also allows you to assist other group members so you need to be working as well!!

All group members: You are all responsible to come up with reasons why you needed to revise your initial model. This could be done while the researchers are looking up information from other resources. You need to construct a REVISED model on your white boards, take a picture, and upload it onto schoology! * Do not save this to last minute!!*