

Honors Earth Science Summer Project

Welcome to Honors Earth Science! I can't wait to dive into the mysteries of the world and the wonders of God's creation with you! Here is the information you will need to successfully complete your summer assignment.

Over the summer, you will need to create a photo journal that shows how the topics we will be studying during the upcoming school year are all around you! Your journal will include photographs or images that pertain to ten different topics in Earth Science and brief descriptions of each topic. You will need to present these images and descriptions in a creative and artistic way.

Here are the ten topics that I want you to cover in this photo journal:

1. The Carbon Cycle
2. Topography
3. Elements
4. The Rock Cycle
5. Tectonic Activity
6. Weathering/Erosion
7. Renewable Energy Sources
8. Clouds
9. Precipitation
10. Phases of the Moon

For each topic you need:

1. **A Photograph/Image**

Use your various summer journeys, whether to far away countries, nearby states, or local spots, to gather pictures. I hope that you will start to realize that the topics covered in Earth Science are present all around you and relevant to your life. If you do not get a chance to take a photograph for a certain topic, you may find a relevant image online. However, you should only use the Internet as a last resort because you will lose points for every image you get online. The only exception to this online rule is topic #5. Feel free to use an online source for images in that case.

2. **A Description**

Write two paragraphs which describe why the picture is related to the Earth Science topic. You will need to do some research about each topic and summarize the important findings in order to get full credit. Also, be sure to define at least one term that you learned during your research for each topic. Somewhere on the photographic journal, whether in the description or under the picture, you should let me know where the photograph was taken.

3. Overall presentation

You will need to come up with some creative way to display all of your photos and descriptions. You can do a poster, a booklet, a PowerPoint, or anything else you can dream up.

I hope you will all have fun with this project. After this assignment, we will have a chance to share our photo journals with the other honors students. Hopefully this will give you a general overview of some of the upcoming topics about which we will learn. So, keep your eyes open for the Earth Science around you. I look forward to having you in class next year.

Here is a rubric for the project:

Each topic is worth 10 points:

- 4 points for a photograph/2 points for an Internet image (except #5)*
- 3 points for the quality of the research and writing in your description*
- 2 points for your relevant definition*
- 1 point for overall presentation and creativity*