

Geology 2019 Summer work

Y12

Step 1 - Research:

Task	Some ideas
1. Pick a place, rock, mineral, fossil, landscape or geological feature you are curious about.	You could pick anything from a rock or fossil you found on the beach over the summer, a volcano that was in the news as it has erupted recently, or a geological feature like a hot spring you were lucky enough to see on holiday.
2. Make a list of 2-3 questions you would like to answer.	You could ask anything geological! How did rock form? Why is it here? How did the fossil live? Why is it so hard? Why has the volcano erupted now? Why is the lava flow so bumpy? How hot do hot springs get? What might be dissolved in the geothermal water?
3. Find at least 2 different resources which help you to understand its geology. Only ONE can be an online resource.	You could use a TV program, tourist information sign, museum display, book from a university or local library, online video, geological map. You could even interview a geologist, or contact the relevant geological society! Be creative.

Step 2 – Presentation:

Create a 3 minute presentation for your peers in three sections. Where possible, you will bring in the object and/or resources. You may use powerpoint.

Section	Some questions to answer
1. Introduce your geological object or feature.	Why did you pick this object or feature? What has interested you in learning about it?
2. Describe the resources. Make a comparison between the resources, and assess how useful they were to you.	How reliable do you think the resources are? How easy was it to learn from them? What did you like and dislike about them? Which one was more useful? How could they be improved?
3. Explain what you have learned about your geological object or feature.	Make sure you answer your research questions.

You will each be required to have purchased the approved OCR textbook from Illuminate Publishing. ISBN: 9781911208143

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