

## Geology A Level - Preparatory Work 2024

### "Geology is the scientific study of planet Earth"

There are four key areas to focus on which will help you when you start college.

#### Part 1: Earth Formation

Research the "planetary nebula hypothesis" of solar system formation. Create a series of diagrams, with annotations to explain.

Research the characteristics of the 4 inner terrestrial planets and the 4 outer giant planets. One paragraph for the

### Part 3: Earth History and Geologic Time

<https://www.bgs.ac.uk/discoveringGeology/time/home.html>

<https://www.geolsoc.org.uk/geotime>

Use the websites above to find out how old the Earth is and how is geologic time is subdivided?

Create a short summary paragraph

## Optional Follow on Tasks

<http://opengeology.org/textbook/>

Download the free textbook. You may wish to print some of the chapters out. Over the summer you may wish to focus on reading the first two chapters " Understanding Science" and " Plate Tectonics" .

[https://www.goodreads.com/list/show/11003.Best\\_Geology\\_Books](https://www.goodreads.com/list/show/11003.Best_Geology_Books)

Try and read at least one of these popular science geology books or another of your choice and complete a book report.

<https://geology.com/>

This is an excellent site which will help in completing the course .

<https://www.bbc.co.uk/sounds>

Explore the bbc sounds app to listen to geology related content

<https://www.open.edu/openlearn/science-maths-technology/free-courses/?filter=date/grid/672/all/all/all/>

Explore the open university open learn and maybe take a free course in geology.

Search for, Like and Follow the HSFC Geology page on facebook for frequent updates on relevant content.

Good luck and I will see you in 72 days