|  |  |  |
| --- | --- | --- |
| Welcome to Geology. To help you with your studies until you join us here at Callywith See below for some suggestions of books, websites, films, podcasts, TV shows and citizen science activities which will keep you up to date with Earth Science knowledge, development and hopefully get you excited about what we will be learning in September. | | |
|  | Adventures in the Anthropocene: A Journey to the Heart of the Planet we Made | |
|  | | |
|  | New Scientist by New Scientist | |
|  | | |
|  |  | |
|  | | |
|  | [Overheard - National Geographic Podcast](https://www.nationalgeographic.com/podcasts/overheard/)  [Science weekly - The Guardian Podcast](https://soundcloud.com/guardianscienceweekly)  [BBC Costing the Earth](https://www.bbc.co.uk/programmes/b006r4wn)  [BBC the Documentary Podcast](https://www.bbc.co.uk/programmes/p02nq0lx/episodes/downloads) | [The Living Planet Podcasts](https://blog.feedspot.com/environmental_podcasts/)  [BBC Earth Podcast](https://www.bbcearth.com/podcast)  [BBC Science Hour](https://www.bbc.co.uk/programmes/p016tmt2/episodes/downloads)  [BBC Putting science to work - Air Pollution](https://www.bbc.co.uk/programmes/b06rxyct) |
|  | | |
|  | [Wave Tank - Coastal Defences](https://www.youtube.com/watch?v=3yNoy4H2Z-o)  [Sand Box - Structural Geology](https://www.youtube.com/watch?v=E3ApcYTCExE)  [Plate Tectonics - Making Mountains](https://www.youtube.com/watch?v=d9bKXY0OMxc)  [Flume Tank - Turbidity Currents](https://www.youtube.com/watch?v=krVkYvJI-PI)  [The Day The Mesozoic Died](https://vimeo.com/150938397) | [10 Things You Didn't know About Earthquakes](https://www.youtube.com/watch?v=IlXJkf3xYA8)  [10 Things You Didn't Know About Volcanoes](https://www.bbc.co.uk/programmes/b0074spx/clips)  [Animal Armageddon Hell On Earth](https://www.dailymotion.com/video/xyt3iu)  [iPlayer dynasties](https://www.bbc.co.uk/iplayer/episode/p06mvpsw/dynasties-series-1-1-chimpanzee)  [iPlayer climate-change-the-facts](https://www.bbc.co.uk/iplayer/episode/m00049b1/climate-change-the-facts) |
|  | | |
|  | [How Did Atmospheric Oxygen Occur?](https://www.insidescience.org/news/mystery-microorganism-may-have-been-first-produce-oxygen)  [Liquid Metal Turns CO2 Into Coal](https://www.theengineer.co.uk/liquid-metal-catalyst-co2/)  [Turning Carbon Dioxide Into Rock](https://www.bbc.co.uk/news/world-43789527)  [Oldest Material On Earth Discovered](https://www.bbc.co.uk/news/science-environment-51099609) | <https://earthchallenge2020.earthday.org/>  [Plastic Bags And Their Carbon Imprint](https://www.bbc.co.uk/news/av/science-environment-50043369/plastic-pollution-how-plastic-bags-could-help-save-the-planet)  [Icelandic Volcanism Awakes](https://www.theguardian.com/world/2020/apr/10/awakening-volcanic-region-reykjanes-peninsula-iceland-disruption-centuries)  [Naples Supervolcano Nearing Trigger](https://www.independent.co.uk/news/world/europe/supervolcano-naples-italy-eruption-dormant-reawaken-geologists-a7488806.html)  [Drilling Into The 'Dinosaur' Crater](https://www.bbc.co.uk/news/science-environment-35950946) |

At A-level you will be following the OCR Specification and will study the following topics:

* Foundations in Geology – Igneous, Metamorphic & Sedimentary Petrology
* Global Tectonics - Plate Tectonics & Earth Structure
* Fossils and Time – Evolution, Mass Extinction & Interpreting the Past
* Economic and Engineering Geology – Mining, Engineering, Oil, Geothermal
* Geohazards and Risk – Volcanology, Earthquakes, Landslides, etc.
* Basin Analysis – Whole Basin Analysis (Welsh & Jurassic)

The text book can be purchased from the publisher, Amazon or sometimes eBay.

*Publisher: Insight & Perspective*   
*ISBN: 9781911208143*

