

YEAR 8 CURRICULUM INFORMATION - GEOGRAPHY

Autumn Term

What will students be learning?

## Earth Processes

**Good progress** in this unit means that by the end students will:

**Know:**

- How the Earth formed and moves to cause earthquakes and volcanoes
- What the rock cycle is
- What soil is

**Understand:**

- How people are affected tectonic activity
- The rock cycle's role
- How soil is threatened but can be managed sustainably

**Can**

- Write clear descriptions of plate boundary and weathering processes
- write a comparison of the impacts of 2 earthquakes
- suggest causes and solutions of soil degradation in a range of environments.

How will students be assessed?

Teacher assessment, peer assessment  
2 formal Milestones – one extended knowledge test, one mixed question types

Literacy – What keywords will be taught?

Big Bang

Core

Mantle

Continental

Crust

Oceanic Crust

hydrosphere

atmosphere

Pangea

	<p>convection currents</p> <p>plate boundary</p> <p>Constructive boundary</p> <p>Destructive boundary</p> <p>Conservative boundary</p> <p>volcano</p> <p>earthquake</p> <p>Soil</p> <p>leaching</p> <p>desertification</p> <p>overgrazing</p> <p>overcultivation</p> <p>permafrost</p> <p>thermokarst</p>	
<p>What employability skills are being developed?</p>	<p>Information management, independence, communication skills</p>	
<p>Wider Curriculum Links?</p>	<p>Numeracy links – Richter and MM scales, Literacy in extended writing on the issue of hazard management Science – natural processes including rock cycles Art – sketches and diagrams</p>	
<p>What useful websites are there for this topic?</p>	<p>Continuity Oak (previously Oak Academy) <a href="http://Curriculum-Curriculum(continuityoak.org.uk)">Curriculum - Curriculum (continuityoak.org.uk)</a>- Y8 Unit 4 Tectonics and Y7 unit 2 Geology BBC Bitesize <a href="http://PlateTectonicsguideforKS3geographystudents-BBCBitesize">Plate Tectonics guide for KS3 geography students - BBC Bitesize</a> 3D Geography <a href="http://Whatisavolcano?Allaboutvolcanoes.(3dgeography.co.uk)">What is a volcano? All about volcanoes. (3dgeography.co.uk)</a> <a href="http://Earthquakes(3dgeography.co.uk)">Earthquakes (3dgeography.co.uk)</a></p>	
<p>What wider reading could be done for this topic?</p>	<p><b>Read-</b> <a href="#">Tsunami Kids: Our Journey from Survival to Success</a> by Paul Forkan and Rob Forkan</p>	
<p>What else can students be doing independently to develop their understanding of this topic?</p>	<p><b>Watch-</b> Richard Hammond’s Journey to the centre of the planet – iPlayer <b>Do-</b> Visit Lapworth Museum at University of Birmingham (its free!) Or another museum of natural history if you’re visiting London, Manchester, Cambridge for example.</p>	