

Subject	Year	Term
Geography	8	Autumn term 2/Spring term 1
Topic		
Violent earth		
Content + skills (Intent)		
Prior Learning (Topic)		
KS1/KS2 – <ul style="list-style-type: none"> • Place knowledge (tectonic plates/areas of tectonic risk) • Understand key aspects of physical geography including volcanoes and earthquakes • understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water 		
KS3 at Balcarras – Adventure landscapes (Year 7)		
Through this topic students will develop contextual knowledge of locations of global tectonic significance and develop their understanding how this defines the physical and human characteristics within those locations.		
<ul style="list-style-type: none"> • Students will explore the tectonic processes that give rise to key physical features within tectonically affected areas. • Maps and atlas skills will be built on to describe patterns of location and key terminology will be introduced alongside this. • Students will explore place-based exemplars of tectonic hazards e.g. volcanoes looking at the effect this can have on the environment, economy and society. • Students will gain an appreciation how the different attitudes, beliefs, and circumstances lead people to continue to live in areas of hazard risk. 		
All of the above will be tested through a graded assessment.		
Future Learning (Topic)		
KS3 at Balcarras – Population and peace		
KS4 at Balcarras - Year 10 natural hazards		
KS5 at Balcarras- Year 12- Hazards environmental science?		
Cross curricular- Science		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
A series of lessons covering: structure of the earth, tectonic plates and continental drift, earthquakes, volcanoes, living in a danger zone, survival and mitigation within tectonically active regions	Through an end of topic assessment which covers all elements of the topic. Marks for homework tasks. Marking of classwork.	
How can parents help at home?		
Support with homework and revision techniques for graded assessments. Discuss current affair issues by watching/reading the news. Download the BBC or Guardian news app and set to environmental notifications to receive the most update articles. Watching relevant documentaries e.g. Kate Humble in to the volcano		
Visit the Natural history museum London		
Websites to look at-		
https://www.shelterbox.org/virtual-gifts/?gclid=EAlalQobChMIpumSuK_U9AIVCAOLCh3sJgC7EAAYASAAEgLHM_D_BwE		
https://www.usgs.gov/		
https://www.nhm.ac.uk/visit/galleries-and-museum-map/volcanoes-and-earthquakes.html		
https://www.esc.cam.ac.uk/research/research-groups/cambridge-volcano-seismology/all-about-earthquakes-and-volcanoes		
Conversation Starters:		
The bigger the earthquake the worse the effects		
Dogs and other animals can “sense” when an earthquake is going to strike		
Volcanic eruptions are the single biggest cause of climate change		
Earthquakes don’t kill people buildings do		
It is impossible stop an earthquake		
Did volcanoes kill the dinosaurs?		
Helpful further reading/discussion		
Reading Volcanoes Around the World by Jen Green A girl of the smoke and stone by Imogen Howson Running Wild by Michael Morpurgo A girl of dust and death by Imogen Howson Night of the Howling Dogs by Graham Salisbury Earth Erupts: Volcanoes by Mary Colson Journey to the centre of the Earth by Jules Verne https://www.bbc.co.uk/blogs/tv/entries/7256d95f-acfe-3b6c-b93e-dd09201f4318	Vocabulary Lists Crust, mantle, outer core, inner core, destructive subduction, destructive collision, constructive, conservative, hazard, tectonic plates, continental drift, convection currents, volcano, earthquake, tsunami	Careers Links Jobs linked to the topic referenced within lessons. These include: Volcanologist, seismologist, engineer geologist, disaster relief worker, aid worker, volcano guide/vlogger https://www.bbc.co.uk/bitesize/articles/zrc7y9q https://www.geolsoc.org.uk/Geology-Career-Pathways/Careers/Job-Sectors/Natural-Hazards-and-Risk-Sector https://www.environmentalscience.org/career/seismologist https://www.environmentalscience.org/career/volcanologist

