

Colton Hills Community School medium term planning

Topic title: Natural Hazards	Year: 9 Term: Autumn 01	Why we teach this: Students need to know the hazards the world creates, and how they affect people. Students will also be shown how the effects of the natural hazard can be minimised.	Why we teach this here: Natural hazards is covered in year 8, so we start with a topic that students will have understanding in, to build confidence with the start of a GCSE topic.	
Big question: What are the causes, effects and responses to tectonic hazards in rich and poor countries? 1. What is the structure of the Earth? 2. How do convection currents work? 3. Where are the world's plate margins? 4. What processes occur on the world's plate margins? 5. What is the structure of a volcano? 6. What hazards are caused by volcanoes? 7. Primary and secondary effects of volcanoes 8. How can we reduce the effects of hazards?		Builds on previous topics: Stamping your passport (year 7) Coasts (year 8) Location knowledge. Problems that people face. Sustainability.	Links to future topics: Weather hazards (year 9) The challenge of natural hazards (year 10)	
Skills developed: Map skills Location knowledge Use of diagrams. Many links to the skills required at GCSE, including justifying the effects and responses of people. Use of case studies. Genre- Describe, explain and evaluate.		Key knowledge: <ul style="list-style-type: none"> - What are the layers of the Earth - What causes convection currents to work - How does radioactive decay cause convection currents - How are tectonic plates moved by convection currents - What are plate boundaries - What are the locations of plate margins and boundaries - What processes occur on plate boundaries that cause hazards - What are the features of a volcano and how are they created 	Key knowledge continued: <ul style="list-style-type: none"> - What hazards are caused by volcanoes - What are primary and secondary impacts of tectonic hazards - What were the primary and secondary effects of a volcano in Africa - What were the primary and secondary effects of a volcano in Iceland - Are primary effects more significant than secondary effects - What management methods can be used to reduce the impacts of volcano eruptions 	
Mini/Interim assessments: <ul style="list-style-type: none"> - In class exam questions - Knowledge quizzes Termly summative assessment: Termly cumulative assessment		Independent study tasks/resources: <ul style="list-style-type: none"> - Weekly retrieval - Pop Quiz - Extended reading (using KAO) - Seneca learning - Research tasks 	Key vocabulary 1: Volcano Earthquake Mercalli scale Richter scale Subduction zone Tectonic plate/margin Plate boundary Convection current Radioactive decay Hazard management Earthquake proof building	Key vocabulary 2: Magma Lava Constructive Destructive Conservative Prediction Preparation Seismic waves Pyroclastic flow Ash cloud Magma chamber
Cultural capital opportunities: ... Different natural hazards around the world, and where they can affect. How charities can support affected areas. Different responses between HIC'S and LIC'S.		Whole school Curricular Concept links: Precious planet Civic responsibility. Ethical enterprise		

<u>Week/ Phase</u>	<u>Key Features</u>	
1	Small Questions: ...	
	Key Activities/Resources: ...	Retrieval focus: ... Independent study: ...
2	Small Questions: ...	
	Key Activities/Resources: ...	Retrieval focus: ... Independent study: ...
3	Small Questions: ...	
	Key Activities/Resources: ...	Retrieval focus: ... Independent study: ...

<u>Week/ Phase</u>	<u>Key Features</u>	
4	Small Questions: ...	
	Key Activities/Resources: ...	Retrieval focus: ... Independent study: ...
5	Small Questions: ...	
	Key Activities/Resources: ...	Retrieval focus: ... Independent study: ...
6	Small Questions: ...	
	Key Activities/Resources: ...	Retrieval focus: ... Independent study: ...