

Natural Hazards: Volcanoes and Earthquakes

Knowledge and understanding	Skills
<ul style="list-style-type: none"> • Students are able to : • describe in detail the location/distributions of earthquakes and volcanoes; giving place names, recognising patterns and anomalies • describe in detail the different layers of the earth; their properties and characteristics • explain in greater depth how convection currents move tectonic plates. • explain in detail how volcanoes and earthquake occur at different plate boundaries. • explain in detail why there are different types of volcanoes • describe in detail a wider range of impacts; social, economic and environmental, short/long term impacts of a volcanic eruption event. Use of specific evidence. • analyse a wider range of factors to explain in detail why the impact may vary between countries. Assessing if some factors are more significant than others • describe a wider range of techniques of how countries/people can prepare for earthquakes in the future: prepare, protect and predict 	<p>Plot the location/ distributions of x10 earthquakes and x10 volcanoes.</p>
<ul style="list-style-type: none"> • Students are able to : • describe the location/distributions of earthquakes and volcanoes; giving places names and recognising patterns • describe in some detail the different layers of the earth • explain how convection currents move tectonic plates. • explain how volcanoes and/or earthquake occur at different boundaries. • describe the features of volcanoes and explain why there are different types • describe a range of impacts: social, economic and environmental of a volcanic event. Use of specific evidence. • explain in detail a range of reasons why the impact may vary between countries. • describe a range of techniques of how countries/people can prepare for earthquakes in the future: prepare, protect and predict 	<p>Plot the location/ distributions of 5-10 earthquakes and volcanoes 10</p>
<ul style="list-style-type: none"> • Students are able to : • describe the location/distributions of earthquakes and volcanoes, giving place names • describe the different layers of the earth and their characteristics • begin to explain how convection currents move tectonic plates. • begin to explain what happens at different plate boundaries. • describe the features of volcanoes and begin to explain why there are different types • describe some of impacts on people and the environment of a volcanic eruption event • recognise that some countries suffered more than others, starting to explain reasons why. • describe some ways in which countries/people can prepare for earthquakes in the future: prepare, protect and predict 	<p>Plot the location/ distributions of x5 earthquakes and volcanoes x10</p>

- **Students are able to :**
- **identify** the location of where volcanoes and earthquakes
- **identify** the different layers of the earth
- **define** what convection currents are
- **identify** different types of plate boundaries
- basic explanation/sequence of event of how a volcano and/or earthquake occurs
- **identify** the features of volcanoes and recognise that there are different types.
- **state** (list) impacts on people and/or the environment of a volcanic event
- recognise that some countries have suffered more than others have and **state** reasons why.
- **state** ways in which countries and/or people can prepare for earthquakes in the future: prepare, protect and/or predict

Plot the location/ distributions of earthquakes and/or volcanoes