

Year 9 Geography

Restless Earth

- Understand the theory of plate tectonics, how the different plates that make up the Earth's crust move and what happens at the four types of plate boundary.
- Investigate the hazards created by volcanoes and the effects of and responses to a case study example from Montserrat.
- Understand where the 2011 tsunami occurred and which areas of Japan were worst affected.
- Be able to describe how the tsunami was caused by Tectonic processes.
- Understand the impacts of a tsunami – from first and third person viewpoints, on people and the economy.
- Understand the responses to the tsunami – immediate and long-term on a local, national and global scale.

Flooding

- Understand the hydrological cycle and exactly what happens to water when it hits the ground.
- Understand how various factors can increase the risk of a flood occurring,
- A case study of the causes and effects of, and responses to, the 2014 floods in Somerset.
- Methods of flood management investigated for how they work and what their positive and negative features are.

GCSE - The Living World

- Understand how ecosystems operate and exist at a range of scales and involve the interaction between living and non-living components.
- Understand the reasons for the distribution of large scale biomes
- Investigate the characteristics of tropical rainforests – the 5 layer structure, the climate, the nutrient cycle, the soil, how plants and animals have adapted to survive in this environment.
- Examining a case study of the Amazon to illustrate the causes and impacts of deforestation, and ways it be sustainably managed.
- The characteristics of hot desert environments - the climate, the soil, how pants and animals have adapted to survive in this environment.
- Examining a case study of the USA's Western Desert to illustrate the opportunities for economic development and the challenges caused by this extreme environment.
- The causes and effects of, and responses to, desertification.
- A study of Cold Environments.
- Investigating a GCSE issue evaluation of deforestation.

Living World Issue Evaluation

- Understand and be able to explain the economic, social and environmental arguments for and against road building in the Peruvian Amazon.
- Justifying decision as to whether roads development take place or not, based on evidence.

Advice to students for independent study

- Complete homework which will consolidate learning from lessons, practise skills or complete higher level activities.
- Regularly keep up to date with the news and watch relevant TV programs to develop awareness and understanding of current global issues.