

KS2 Earthquakes, Zones & Volcanoes (Geography)

As geographers we will:

- Investigate patterns of earthquakes, mountains and volcanoes
- Explore the different climatic and vegetation zones of the world
- Find out about where natural resources are found
- Explore how countries are linked through their use of natural resources

We will look at:

Physical features of our world such as:

- The 'ring of fire' – an amazing area of the world where most of the volcanoes and earthquakes may be found
- The different types of volcano that may be found around the ring of fire
- The incredible range of temperature zones from the poles to the tropics and how the vegetation and animals differ in these places
- Places where we find our most precious life resources – water, food and energy
- Places where we find our most precious economic resources – precious metals, diamonds and energy
- The location of major mountain chains of the world and a look at how they have formed over many millions of years

Human features of our world, such as:

- Economic activity in different zones throughout the world
- How countries trade their natural resources
- Some of the deepest mines and the fantastic machinery that extract natural resources
- Some of the concerns about the overuse of some of the world's natural resources such as rainforest timber, fish and even helium – the party balloon gas that is becoming rarer by the day
- We will explore how scientists are trying to develop new energy resources and technologies
- How communities and engineers deal with volcanic eruptions and earthquakes

As writers we will:

- Present information
- Write reports
- Create stories and other narratives based on the human and physical features we study
- Write poetry based on the volcanic eruptions

As artists we will:

- Draw and paint images of volcanoes, earthquakes and zones we study
- Create sculptures
- Take inspiration from some of the world's greatest artists in each of the zones we visit

As mathematicians we will:

- Use statistics
- Calculate time
- Make calculations involving addition, subtraction, multiplication and division