

Learning Organiser: How do volcanoes effect the lives of people living on Hiemaey?

Key objective

To understand the causes and impact of volcanoes in Iceland.

Important things I will know, understand and do

Some countries, major cities, rivers and mountains of Europe

The population of the countries of Europe

How to draw and interpret a bar chart

How the climate and physical processes have shaped the landscape of Iceland

The physical and human features of the island of Hiemaey in the Westman Islands of Iceland

Why Hiemaey has an active volcanoes

How volcanoes are formed

The structure of a typical composite volcano

The impact of volcanoes on people's lives and on economy.

Important geographical techniques I will use

Statistical representation

Drawing and interpreting: bar graphs.

Mapwork

Political maps, population structure, density.

Imagery

Terrestrial, aerial and satellite photographs and Google Maps

Important physical processes I will investigate

Volcanic activity



Important Vocabulary I will learn

Volcano	a landform (usually a mountain) from which red hot liquid magma or lava erupts
Archipelago	a sea or stretch of water which has many islands
Glacier	a slowly moving mass or river of ice
Crust	the thin outermost layer of the Earth made of solid rock
Mantle	the very thick layer of rock that lies between the Earth's crust and central core
Core	the very hot centre of the Earth which is solid on the inside and liquid outside
Tectonic plate	one of the large moving sections of the Earth's crust

Important places I will visit



Iceland and the island of Hiemaey

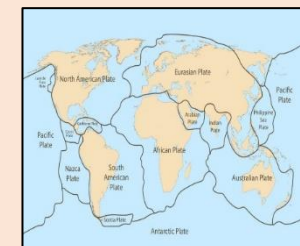
Important maps



Europe



Iceland



Tectonic plates of the Earth's Crust



The Mid-Atlantic Ridge