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 geographical concepts I will understand		
Environment	The particular physical and human features which make places distinctive	
Location	The position of something on Earth	
Scale	The size or extent of an area or place – local, regional, national, international and global.	
Trade	Buying or selling goods and services between people or countries	
Economic activity	Manufacturing a good or providing a service that is bought by people.	
Tourism	Visiting places that involves staying away from home for one or more nights	
Climate	The average weather conditions experienced in a place during the course of a year	
Settlement	Any place where people are living such as a village or city	

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	one of the large moving sections of the
plate	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