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How do volcanoes affect the lives of people on Hiemaey?

Where is Iceland?

Iceland is a large Island in the Atlantic ocean between Britain and Greenland.

Iceland is on tectonic plate boundaries which means that is extremely geologically active. This is why we see so much volcanic activity in this part of the world.



What is within a Volcano?

We live on the Earth's crust. Deep below this is magma. Magma is extremely hot molten rock. A volcano is a part of the Earth's crust where magma can escape to the surface. Here it erupts as "lava". Once cooled down the lava solidified into rock. This can make the volcano grow or change the geography of the land around it.

Key Vocabulary

Magma	Molten rock beneath the surface of the Earth.
Tectonic Plate	The large sections of the Earth's crust that slowly move around its surface.
Hemispheres	The northern and southern parts of the planet are its hemispheres.
Eruption	When a volcano releases lava into the environment, this is an eruption.
Relief	When a natural disaster occurs, the help that people send is called "relief".
Igneous	Solidified lava that has cooled down is called
Economy	The way that money is made in a place (such



Key Facts



- Hiemaey is an island off of the coast of Iceland.
- It is extremely geologically active and experiences regular volcanic eruptions.
- Icelandic eruptions have been so large that they have prevented air travel in much of the Northern hemisphere.
- Despite the dangers of living in a volcanically active region, the people of Hiemaey remain.
- Tourism and fishing account for a large part of their economy.

