



**Title:** Extreme Earth

**Year:** 5

**Subject Focus:** Geography

**Rationale:**  
 How do volcanoes affect the lives of people on Hiemaey? We will be investigating how volcanoes are constructed and the impact of volcanic eruptions on the environment and on people, both near and far. We will find out about how one of the biggest challenges in earthquake zones is to create buildings that can withstand the shake of an earthquake / volcanic eruption.

**Start Date:** 7<sup>th</sup> September 2020

**End Date:** 23<sup>rd</sup> October 2020

**Opportunities for Home Learning:**

Watch news reports on volcanic activity and earthquakes.

**How will we use Bloom's Taxonomy to deepen learning:**

Children will **apply** their **understanding** of earthquakes and volcanoes to **identify** and **analyse** their impact on Earth and human activity.

**Outcome:**

The children will produce a detailed leaflet to explain how natural disasters such as earthquakes and volcanic eruptions impact upon the physical features of the Earth and on human activity.

**Hook:**

Dramatic videos of erupting volcanoes.

**Sharing Success:**

Children will be given opportunities to share this work at exhibition evening, on the website and Web Wows!

**How will we embed our school values?**

Children will have opportunities to work both with **partners** and **independently**, to be involved with a range of cross-curricular activities based around earthquakes and volcanoes. They will **evaluate** and **analyse** the impact of such natural disasters on people and the planet.



### Milestones Covered in this Topic:

<b>Geography:</b>	<ul style="list-style-type: none"><li>• Identify the key aspects of physical Geography related to earthquakes and volcanoes.</li><li>• Use maps, atlases, globes and digital computer mapping.</li><li>• The impact of natural disasters on the human population.</li><li>• Investigate the relationship between human and physical geography.</li></ul>
<b>Science:</b>	<ul style="list-style-type: none"><li>• Link irreversible and reversible changes</li></ul>
<b>English:</b>	<ul style="list-style-type: none"><li>• Present information about earthquakes and volcanoes.</li></ul>