



All Saints CE Primary School and Nursery

Medium Term Planning



Class teacher: Mrs Korzeniewski Year group: 4 Term: Spring 1 Subject: Geography - Extreme Earth

Week	Learning Goal (LG)	Brief outline of lesson content (or where this can be found/unit found in, if for example it is a published scheme such as Science)	Key Vocabulary covered
1	LG: Describe what is under the Earth's surface.	Children will learn about the layers of the Earth using modelling clay to build their own version. They will be able to name the layers that make up the Earth.	Topsoil, subsoil, bedrock, crust, mantle, outer core, inner core, magma
2	LG: understand how a volcano is formed	Children will learn how a volcano is formed, name some parts of a volcano and explain what happens when it erupts. The children will link their knowledge to the recent volcanic eruption (Oct 2021) on the Canary Island of La Palma, Spain and watch footage.	Volcano, eruption, magma, main vent, crater, magma chamber.
3	LG: explain how volcanoes affect people's lives.	Discuss where volcanoes are found in the world. Discuss how they would affect the lives of people living by them. Would you like to live by a volcano? Sort and discuss for/against cards. Are there volcanoes in the UK? Find out	Active, dormant, extinct
4	LG: to explain the causes of earthquakes and how they are measured.	Children will learn about where in the world earthquakes occur and why they do. They will think about what they should do if they found themselves in an earthquake and how an earthquakes strength is measured.	Epicentre, shock wave, magnitude (power/strength), Richter, Mercalli
5	LG: what is a tsunami and how do they affect people	Children will learn about what a tsunami is, how and where they are more likely to occur and the damage they can do.	tsunami
6	LG: what is a tornado and their effects?	Children will learn what a tornado is, how and where they are formed, how scientists collect data about and compare them and the destruction they can cause.	tornado