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.	Learn and label layers of the Earth. Outdoor learning to recreate earth's crust (take photos). Word bank for SEN/red	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. Complete cloze for explanation . Word bank/cut and stick for Red/SEN	Volcano, eruption, magma, main vent, crater, magma chamber.
3	LG: explain how volcanoes affect people's lives.	Introduce ring of fire – find on an atlas, name continents Would you like to live by a volcano? Sort and discuss for/against cards.	Ring of fire, tectonic plates, seven continents, 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. Order some Mercalli scale observations then check and number accordingly. Label cross section of earthquake – wordbank for RED/SEN	Epicentre, shock wave, magnitude (power), Earth's crust , tectonic plates, epicentre, hypocentre, fault line, 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