

# St. Mary's Catholic Primary School



**Subject:** Geography

**Topic:** Extreme Earth

**Year:** 3

## What should I already know?

- There are different types of weather
- There is rock and soil underneath the earth's soil
- Sometimes there are natural disasters

## What am I going to learn?

- The Earth is composed of 4 distinct layers. The inner core, outer core, mantle and crust
- The crust is 'broken' into enormous pieces called tectonic plates
- The earth is made up of six large tectonic plates and a few smaller ones
- Tectonic plates move against one another and after a while the pressure builds up and this is what causes an earthquake
- The Richter scale measures how strong an earthquake is
- During an earthquake – DROP, COVER, HOLD
- Tsunamis are big waves caused by sudden movement on the ocean surface due to an earthquake or a landslide on the seafloor
- To keep safe during a tsunami you need to go to high ground and be as far inland as possible
- A tornado is a violently rotating column of air between a cloud and Earth, touching both.

## Vocabulary

**Barren:** an area of land where plant growth may be sparse, stunted, and/or contain limited biodiversity

**Erosion:** the process of eroding or being eroded by wind, water, or other natural agents

**Weathering:** wear away or change the appearance or texture of (something) by long exposure to the atmosphere

**Arid:** having little or no rain; too dry or barren to support vegetation

**Precipitation:** rain, snow, sleet, or hail that falls to or condenses on the ground

**Desertification:** the process by which fertile land becomes desert, typically as a result of drought, deforestation, or inappropriate agriculture

**Irrigation:** the supply of water to land or crops to help growth

**Bedrock:** solid rock underlying loose deposits such as soil or alluvium

**Vegetation:** plants considered collectively, especially those found in a particular area or habitat

## Useful Websites and Videos

<https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/zsqnfg8>

<https://www.youtube.com/watch?v=n4crvs-KTBw>

<https://www.youtube.com/watch?v=mjaVm0vs2HY>