The Tithe Farm Way:
Resilient pupils who have a life-long love of learning and are ready, respectful and safe in their choices.

Our Learning Journey: What a Wonderful World

Year 5 – Volcanoes and Earthquakes

1. • What are the layers of Earth?
   The four layers of Earth are the inner core, the core, mantle and the crust.
2. • How is a volcano structured?
   A volcano's structure includes the magma chamber, the main and secondary vents and a crater.
3. • Why does a volcano erupt?
   A volcano eruption occurs due to the movement of tectonic plates.
4. • Where are famous volcanoes located?
   Some of the world's famous volcanoes are located in countries such as Scotland, Ireland, Italy, Mexico, USA, Japan and Tanzania.
5. • What are the features of a volcanic eruption?
   The feaures of a volcanic eruption are pyroclastic flow, volcanic ash, lava, volcanic bombs and lahar.
6. • Why does an earthquake occur?
   An earthquake is caused by the energy released from tectonic plates moving against each other.
7. • Where have earthquakes happened?
   Earthquakes have happened in countries such as Turkey, Haiti, Japan, China, Indonesia and Morocco.
8. • How does an earthquake impact the area?
   An earthquake impacts the area by injuring and killing people and destoying buildings, businesses and the environment.
9. • What are the long-term effects of an earthquake? *The long-term effects of an earthquake include more diseases, the cost of rebuilding is high and the loss of landmarks.*
10. • How can I show my learning about volcanoes and earthquakes?