



**Develop your creativity:**

- ◆ Make a model of a famous volcano. (3 points)
- ◆ Draw a diagram to explain the movement of tectonic plates. (2 point)
- ◆ Create a cross section model of the earth and its different layer i.e. Crust, core. (3 points)

**This half term's POWER Project is:**

**'Disasters-Volcanoes and Earthquakes'**

**HAND IN BY: 22<sup>nd</sup> May 2024**

**Explore your mathematical skills:**

- ◆ Plot on a map where 10 significant volcanic eruptions have occurred. Do you notice any patterns? (2 points)
- ◆ Create a table of the top 10 Earthquakes on the Richter scale. (2 points)
- ◆ Research the key dimensions of a volcano of your choice. I.e. height, width etc. (1 point)

**Extend your research skills:**

- ◆ Create a fact file about an Earthquake of your choice. (2 points)
- ◆ What makes volcanic eruptions more harmful for the people in the locality? (1 point)
- ◆ Create a list of pros and cons for living near a volcano. (1 point)



**Each activity is worth a set number of points. We would like you to have collected 5 points by the end of the half term. For example Making a Volcano = 3 points and a fact file about Earthquakes = 2 points. Therefore you have a total of 5 points.**

**Explore your locality:**

- ◆ Research if \_\_\_\_\_ has been affected by any natural disasters. (1 point)
- ◆ Has England ever been affected by an Earthquake? (1 point)