

### Develop your creativity:

- ◆ Design and create a disaster proof building. (3 points)
- ◆ Make a tornado using a range of materials. (3 points)
- ◆ Make a disaster survival kit, explaining what certain items are used for. (3 points)



## This half term's POWER Project is: **'Disasters Destruction'**

### HAND IN BY:



**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.**

### Extend your research skills:

- ◆ Research the process (reasoning) for the naming of hurricanes. (1 point)
- ◆ How and why do tsunamis occur? What damage can they cause? (2 points)
- ◆ What are the positive and negative effects of disasters? (1 point)

### Explore your mathematical skills:

- ◆ Create a graph/chart/table comparing the speeds of different hurricanes throughout the world. (2 points)
- ◆ What is the financial cost of both preparing for disasters to hit and repairing the damage caused? (2 points)

### Explore your locality:

- ◆ Research if \_\_\_\_\_ has been affected by flooding. (1 point)
- ◆ Where in the local area have the worst natural disasters occurred? (1 point)
- ◆ Which disasters do you think your house/town/city are most prepared or least prepared to deal with? (2 points)

**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:**

**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)



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**Explore your locality:**

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