**Hypothesis -** What you think will happen?

*Earthquakes that happen in the poor countries do more damage than those that occur in rich countries*

**Methods** – What did you use to find your information?

*I chose to use websites/books to find information. This is a reliable method because the website/book was up to date/had a lot of information.*

**Background Reading –** Your research

The two earthquakes that I am using to study my hypothesis are the Haiti earthquake in 2010 and the San Francisco 1989 earthquake.

*For Example:*

*Haiti is a small country \_\_\_\_\_\_ and is \_\_\_ km2 with a population of \_\_\_\_\_\_\_\_*

*The earthquake measured \_ on the Richter scale and killed \_\_ people*

*The earthquake was caused by \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_ plate boundaries*

*Before the quake the government of Haiti took \_\_\_\_ action*

*After the quake \_\_\_\_\_\_\_\_\_\_\_ tried to help by \_\_\_\_\_\_\_\_*

**Processed Information –** Present your findings

For example:

|  |  |  |
| --- | --- | --- |
|  | *Haiti* | *San Francisco* |
| *Size of earthquake*  |  |  |
| *Cost of damage* |  |  |
| *Deaths*  |  |  |

If you find any other maps or graphs you might like to put them in here as well.

**Analysis -** What did you find and why did things happen?

*My information shows that \_\_\_\_\_\_\_\_ Earthquake was larger but killed more people. This was because \_\_\_\_\_\_ the \_\_\_\_\_\_\_\_ Earthquake was smaller but cost more to fix the damage, this might be because\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*

**Conclusion –** Summarise your results

*In conclusion, while the Haiti earthquake caused more deaths it cost less to replace the damage. So I cant fully say that Earthquakes that happen in the ELDC’s (poor countries) do more damage than those that occur in EMDC’s (rich countries)*

**Bibliography** State where you found your information

*BBC Bitesize. Available at: www.bbcbitesize/Geography/Earthquakes.com Accessed 23/11/17*

**Haiti Help Sheet**

• Poorest country in the Western Hemisphere

• Total population of Haiti is 10 million

• ELDC with a rapidly growing population

• Haiti is near to the boundary between the North American and Caribbean Plate

• The earthquake hit on the 12th of January 2010

• It was a magnitude 7 earthquake

• There has not been a big earthquake on that fault since 1750.

• The initial quake was quickly followed by two strong aftershocks of 5.9 and 5.5 magnitude.

• A 5.9 aftershock hit on the 20th of January while people were still being rescued

• Over 200,000 people died

• 250,000 homes and 30,000 businesses were damaged

**BBC Bitesize** [www.bbc.co.uk/bitesize/ks3/geography/physical\_processes/plate\_tectonics/revision/7/](http://www.bbc.co.uk/bitesize/ks3/geography/physical_processes/plate_tectonics/revision/7/) **Accessed 26/11/17**

**San Francisco Help Sheet**

• San Francisco is found in the state of California in the United States of America

• Found close to the San Andreas Fault which is a plate boundary between the Pacific Plate and the North American plate

• It was a magnitude 6.9 earthquake

• The earthquake hit on the 17th of October 1989

• 63 people died and 3,757 people were injured

• 12,000 homes and 2,600 businesses were damaged

**Encyclopaedia Britannica** <https://www.britannica.com/event/San-Francisco-Oakland-earthquake-of-1989> **Accessed 26/11/17**