

Name: \_\_\_\_\_ Learning Mentor Group: \_\_\_\_\_

Teacher's Name: \_\_\_\_\_ Class: \_\_\_\_\_

# Discovery Faculty Extended Learning Project

## Geography Year 7

### Booklet 1 Earthquakes



Task number	Homework due date
1	
2	
3	
4	
5	

## Task 1

### Earthquake's around the world

Find out the size of the earthquake that occurred in each place. The size of an earthquake is measured using the **Richter scale**. (Remember 1 is a small earthquake and 10 is a large one)

The following websites might be useful:

<http://geography.parkfieldprimary.com/hazards/earthquakes>

<http://primarygamesarena.com/Earthquakes251>

<http://topicbox.net/geography/earthquakes/>

	Location and date	Size of earthquake using the Richter scale	Rank order (Biggest = rank 1)
A	San Francisco, USA, 1989, "The Loma Prieta Earthquake"		
B	Kobe, Japan, 1995, "The Great Hanshin Earthquake"		
C	Indian Ocean earthquake, 2004 "Boxing Day Earthquake"		
D	Haiti earthquake, 2010		
E	Pakistan, 2005, "The Kashmir Earthquake"		
F	China, 2008, "The Great Sichuan Earthquake"		

## Task 2

### Earthquake map

Locate all the earthquakes from Task 1 on the world map below. Use the letter from the table to identify each earthquake on the map using an arrow. Remember that you can use the map in your planner.



Extension: Add some earthquakes that you have researched on your own to the map

## Task

You will complete 3 tasks from this page. Your teacher will tell whether to use Foundation, Intermediate or Higher tasks.

	Task 3	Task 4	Task 5
1 Green	Find out the effects of one of the earthquakes in Task 1. E.g. how many people were killed or injured? How much damage was done?	Find out how you can design a building to not fall down in an earthquake.	What are the reasons why someone might live in an earthquake zone?
2 Amber	Find out the effects of two earthquakes from Task 1 - one rich country and one poor country.	Research ways that you can limit the damage to people and buildings in an earthquake	What are the reasons that people live in earthquake zones? What are the risks of living there?
3 Red	Compare the effects of two earthquakes - one in a rich country and one in a poor country. Which had the worse impact and why?	Research ways to limit the damage of an earthquake with clever building design. Design your own building using these features	What are the <b>benefits</b> and <b>problems</b> of living of a plate boundary - like the San Andreas fault?



