

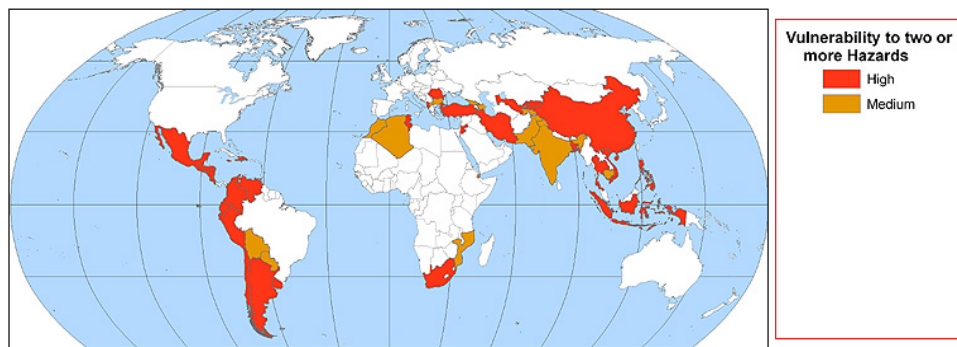
Earthquakes - Nepal Case Study

If you could live anywhere in the world,
 where would it be and why?
 Write down your answer



Has this changed your mind?!

Hotspots
 Hotspot Countries
 Combined Map



What does 'hotspot' mean?

It is where there are a high number of natural disasters that occur.

Today we are learning to describe and understand key aspects of earthquakes.

Today's key questions!
Make notes on your paper!

<https://www.youtube.com/watch?v=hlePrsXTGxQ>

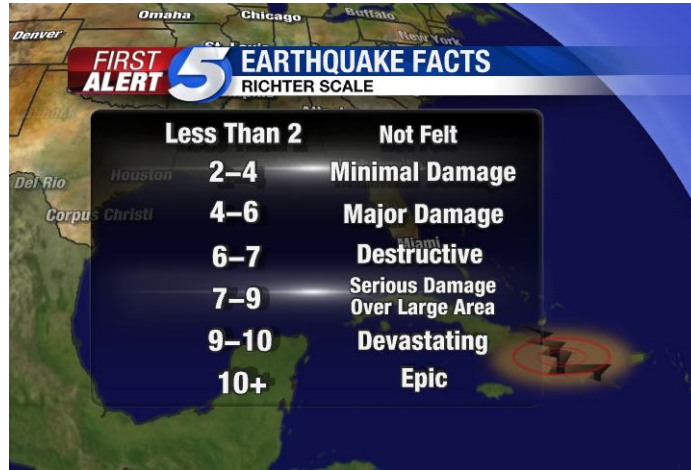


What are earthquakes?
How do they happen?
Where do they happen?
How are they recorded?

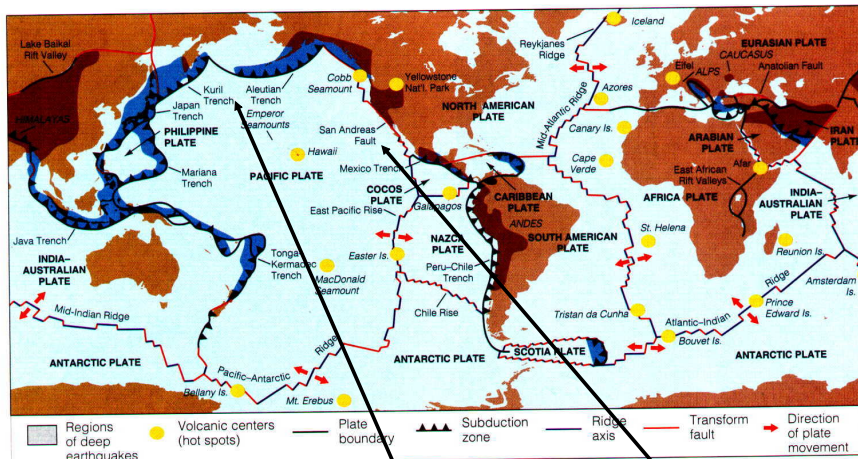


What is a Richter Scale?

It measures the scale of an earthquake - look at the scale below..



Where in the world do earthquakes most commonly occur?



Lots of earthquakes occur within the ring of fire where many plates come together.

The San Andreas Fault is a transform boundary that is a major cause of earthquakes.

We are now going to look at a specific place where a major earthquake occurred: **NEPAL**

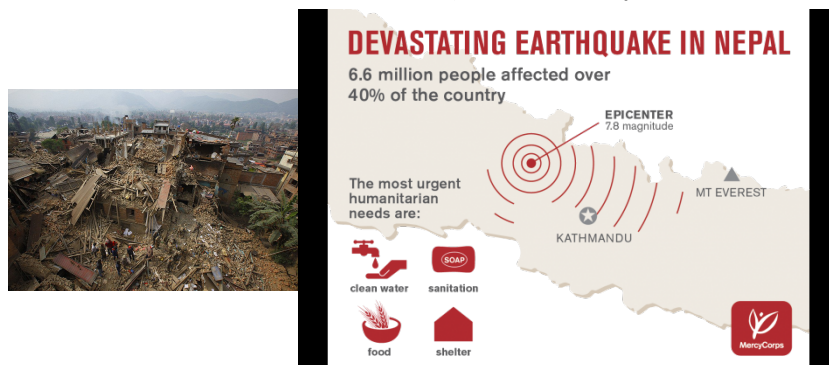


Nepal is particularly prone to earthquakes. It sits on the boundary of two massive tectonic plates - the Indo-Australian and Asian plates.

It is the collision of these plates that has produced the Himalaya mountains, and with them, earthquakes.

On 25th April 2015, a 7.8 magnitude earthquake hit the capital of Nepal (Kathmandu) and its surrounding areas.

Thousands lost their lives and many more were injured.



Can you take notes about the effects of this earthquake?

<http://www.bbc.co.uk/news/world-asia-32479909>



Look at interactive map of aftershocks and map showing destroyed buildings. Scroll right down looking at the before and after pictures and complete the worksheet.

An **effect** is something that happens because of the natural disaster.

Earthquakes in Japan

Stop at 1:13

<https://www.youtube.com/watch?v=laedDIN5dfo>



<https://www.youtube.com/watch?v=laedDIN5dfo>



How would you feel if you were there?
Why would you be so keen to get outside?
How do people prepare for earthquakes in Japan?

Make a note of your answers.

Preparing for Earthquakes

<http://www.bbc.co.uk/newsround/14756394>



How to protect yourself...

<https://www.youtube.com/watch?v=BLEPakj1YTY>



Task:

Create a poster/information leaflet to help people prepare for an earthquake.

