
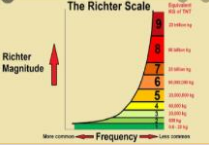




Year 4 Knowledge Organiser - Earth, Wind and Fire

<p>What are tectonic plates and where are they found?</p> 	<p>Where do earthquakes occur and what causes them?</p> 	<p>Where do Tsunamis occur and what causes them?</p> 	<p>What is the difference between a natural and human disaster?</p> 
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Geography:

- Understand the difference between a human disaster and a natural disaster.
- Name some examples of natural disasters.
- Describe what a tectonic plate is, name some examples of tectonic plates and explain how they create natural disasters.
- Identify and describe the layers of the earth and understand the part they play in natural disasters.
- Create an earthquake simulation to show how an earthquake occurs.
- Know what a tsunami is and what causes them to happen.
- Write a newspaper report about the 2004 Tsunami.

Art and design technology:

- Create a painting inspired by Andy Warhol's screen-print 'Vesuvius'. Using bright bold paint to make key elements of the painting stand out.
- Create and evaluate an oil pastel picture of a tsunami. Using mark making and blending to create the waves.

History:

- Research and compare past natural disasters and present findings to the class.
- Create a time line of major natural disasters that have happened over the past decade.

<u>Keyword</u>	<u>Definition</u>
Natural disaster	A naturally occurring disaster due to nature (e.g. Tsunami).
Human disaster	A human caused disaster (e.g. an oil spill).
Earthquake	The shaking of the ground caused by a build up of energy.
Tsunami	A large wave that destroys land. It is caused by an earthquake or volcanic eruption on the sea floor.
Richter scale	The scale the size of an earthquake is measured on.
Plate boundary	The point where two tectonic plates meet each other.

