

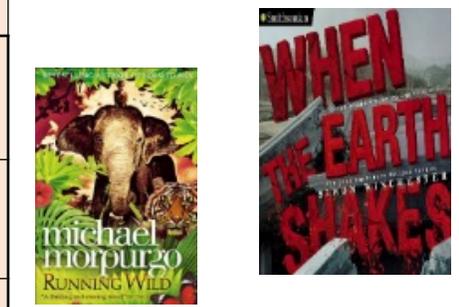
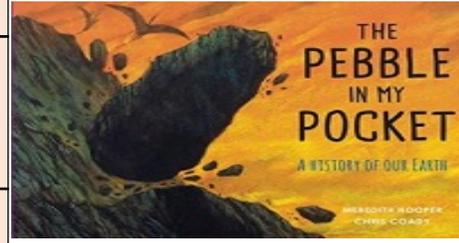
# Key Vocabulary

## Year 6 Geography Knowledge Organiser: Dangerous Earth

### Read all about it!

<b>eruption</b>	An explosion of steam or lava from a volcano.
<b>aftershock</b>	A shaking event that follows an earthquake. Sometimes more damaging than the original earthquake.
<b>tsunami</b>	A long, high wave usually caused by an earthquake in the ocean.
<b>magma</b>	Hot fluid or semi-fluid material below or within the Earth's crust from which lava is formed.
<b>lava</b>	Hot, molten or semi-fluid rock erupted from a volcano, or solid rock, resulting from cooling of this.
<b>magnitude</b>	If you talk about the magnitude of something, you are talking about its great size.
<b>dormant</b>	A dormant volcano is an active volcano that has not erupted in the past 10,000 years.
<b>fault</b>	Fractures in the Earth's crust where rocks on either side of the crack have slid past each other.
<b>landslide</b>	A landslide is a collapse of a mass of earth or rock from a mountain or cliff.
<b>tectonic plates</b>	The Earth's outer shell is made up of huge slabs of moving rock called tectonic plates.
<b>saturated</b>	Holding as much water or moisture as can be absorbed; thoroughly soaked.

Key Knowledge	
<ul style="list-style-type: none"> <li>• <b>A natural disaster</b> is an event caused by nature such as floods, volcanic eruptions, tropical storms, tornado, landslides, wildfires and many more. These events cause great financial hardship for the people and communities in the locations where they occur, and they can sometimes even result in loss of life</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>A tornado</b> is a violent rotating column of air extending from a thunderstorm to the ground. The most violent tornadoes are capable of tremendous destruction with wind speeds of up to 300 mph. They can destroy large buildings, uproot trees and hurl vehicles hundreds of yards.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Volcanoes</b> are caused when magma rises to the surface of the Earth, which causes bubbles of gas to appear in it. This gas can cause pressure to build up beneath the surface, and it eventually explodes</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>A drought</b> is wherever there is a shortage of rain over a long period of time, there is drought. Drought affects plants, animals, and people. It is a serious problem for farmers and for the people who depend on the crops they produce.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>A tropical storm</b> is a large rotating storm with high speed winds that forms over warm waters in tropical areas. Tropical storms have sustained winds of at least 74 miles per hour. Hurricanes, cyclones and typhoons are all tropical storms. They are given different names depending on where they appear. Hurricanes form over the North Atlantic Ocean and Northeast Pacific. Cyclones form over the South Pacific and Indian Ocean. Typhoons form over the Northwest Pacific</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>A wildfire</b> is a fire that rages out of control in the wilderness, like a forest or countryside. Wildfires often begin unnoticed. These fires are usually triggered by lightning, extreme heat or accidents, such as campers or hikers that did not take care of their campfire properly. They spread quickly, igniting brush, trees, and homes.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Earthquakes</b> are usually caused when rock underground suddenly breaks along a fault. This sudden release of energy causes the seismic waves that make the ground shake.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>A hurricane</b> is a large rotating storm with high speed winds that form over warm waters in tropical areas.</li> </ul>	
<ul style="list-style-type: none"> <li>• An <b>avalanche</b> is an event that occurs when a cohesive slab of snow lying upon a weaker layer of snow fractures and slides down a steep slope.</li> </ul>	



**WORLD'S DEADLIEST NATURAL DISASTERS IN THE LAST 100 YEARS**

Disaster	Year	Death Toll
China floods	1931	1-4 million
Indian Ocean earthquake and tsunami	2004	280,000
Haiyuan earthquake (China)	1920	273,400
Bhola cyclone (Bangladesh)	1970	250,000-500,000
Tangshan earthquake	1976	242,000-655,000
Typhoon Nina (China)	1975	229,000
Haiti earthquake	2010	160,000
Yangtze River flood (China)	1935	145,000