

Tectonic Plates	
1	The Earth's surface is made up of large pieces called tectonic plates that fit together like a jigsaw puzzle.
2	Tectonic plates slowly move over time.
3	Tectonic plates are found in both the Northern and Southern Hemispheres.
4	The movement of tectonic plates can cause earthquakes, volcanoes, and mountains to form.
5	Some major tectonic plates include the Eurasian Plate, African Plate, North American Plate, South American Plate and Pacific Plate.

Earthquakes	
6	An earthquake is a sudden shaking of the Earth's surface.
7	Earthquakes happen when tectonic plates move or crash into each other.
8	When plates move, energy is released underground and vibrations travel through the ground.
9	Some earthquakes are very small and hard to feel.
10	Strong earthquakes can damage buildings, roads, and land.

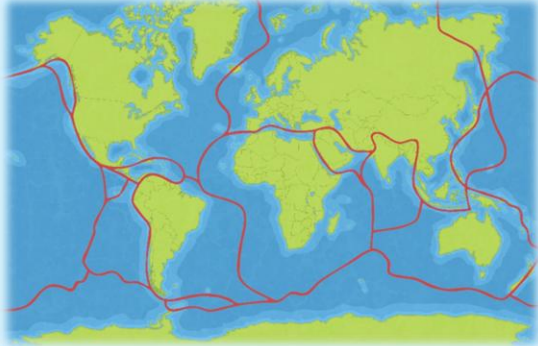


Volcanoes	
11	A volcano is an opening in the Earth's surface where hot molten rock, called magma, can escape.
12	Volcanoes are often found at the edges of tectonic plates.
13	A volcano erupts when pressure builds up underground and pushes magma out as lava, ash, and gas.
14	Volcanic eruptions can change the landscape and even create new land over time.

Famous Natural Disasters	
15	Mount Vesuvius erupted in 79 AD and covered the Roman cities of Pompeii and Herculaneum in ash and lava.
16	The eruption of Mount Vesuvius happened suddenly and caused many people to lose their lives.
17	The 2011 Tohoku earthquake and tsunami happened in Japan on 11 March 2011 and measured 9.0 on the Richter scale.
18	The Tohoku earthquake caused a huge tsunami and led to a nuclear accident at the Fukushima Daiichi Nuclear Power Plant.

Extreme Earth-

Earthquakes and Volcanoes



Human Impact	
19	Earthquakes and volcanic eruptions can destroy homes, schools, and roads, and cause injuries and loss of life.
20	People can prepare for natural disasters by building stronger buildings, making emergency plans, and using early warning systems.

