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Extreme Earth Fact Cards

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Extreme Earth Fact Cards

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Extreme Earth Fact Cards

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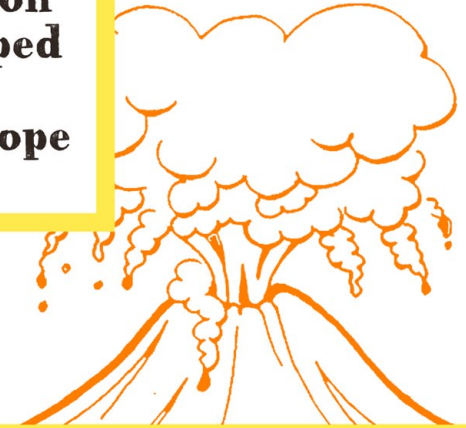
Extreme Earth Fact Cards

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There are over 1,500 active volcanoes in the world.

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In 2012, the ash cloud from a volcanic eruption in Iceland stopped planes from flying over Europe for a week!



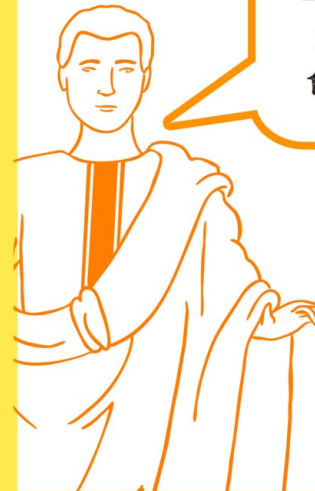
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There is a volcano in Italy which has been erupting continuously for over:

2000 years.

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The word volcano comes from the name Vulcan, the Roman god of fire.



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The biggest volcano in the Solar System is on Mars.

It is 13 miles high!

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Io, one of Jupiter's moons, is covered in volcanoes and its surface is constantly changing.

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1 in 10 people in the world live within "danger range" (20 miles) of an active volcano.



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The sound of a volcano eruption can be quiet and hissing or explosive and booming. The loud cracks travel hundreds of miles and do the most damage, including hearing loss and broken glass.



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The most powerful earthquake ever recorded on Earth was in Valdivia, Chile, in 1960.

It had a magnitude of:

9.5

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An average earthquake lasts around a minute.

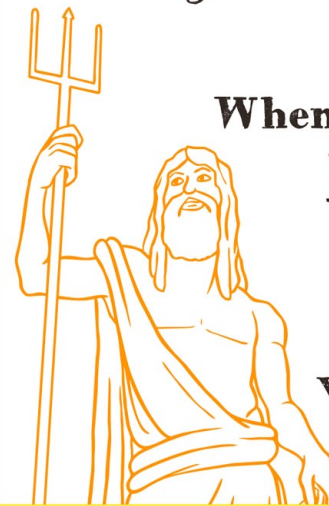
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The “focus” is the earthquake’s initial point of rupture.

Its “epicentre” is the point at ground level above the focus.

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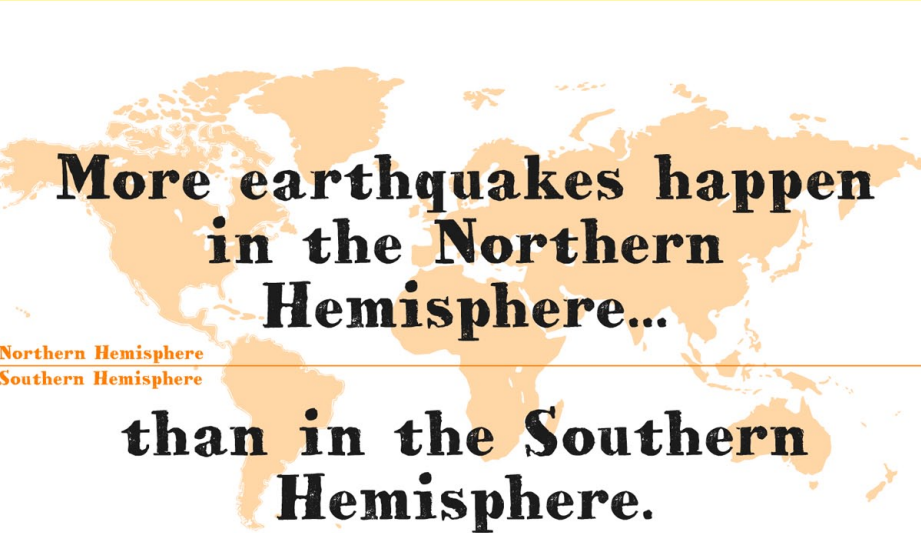
In ancient Greece, people believed that the god of the sea, Poseidon, caused earthquakes.



When he was angry, Poseidon would strike the ground with his trident and set off an earthquake.

His unpredictable, violent behaviour earned him the nickname “Earth-Shaker.”

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**More earthquakes happen
in the Northern
Hemisphere...**

Northern Hemisphere
Southern Hemisphere

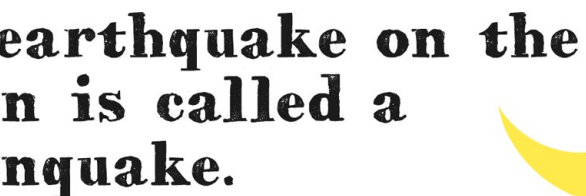
**than in the Southern
Hemisphere.**

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In Hindu mythology, Earth is held in place by eight gigantic elephants, all balanced on the back of turtle, which itself stands on the coils of a snake. If any of these animals shift or move, an earthquake occurs.



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**An earthquake on the
moon is called a
moonquake.**

**Moonquakes are
normally weaker than
earthquakes.**

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**A tsunami can travel at
up to 600 miles an hour!
That's as fast as a jet
plane!**



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A tornado can occur at any time, but most often between

3pm

and

9pm.

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Most tornadoes travel a few miles before exhausting themselves.



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A tornado that occurs over water is often called a waterspout.



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Damage paths of tornadoes can be over a mile wide and 50 miles long.

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