

# Tales of the Unbelievable

## Key Vocabulary

Meteorology	The study of the weather
Weather	The conditions in the atmosphere at a particular place and time
Climate	The weather conditions in an area in general or over a long period.
Precipitation	Rain, snow, sleet, or hail that falls to or condenses on the ground
Atmosphere	The layers of air wrapped around the earth
The Ozone layer	A layer in the atmosphere that absorbs ultraviolet radiation from the sun.
Humidity	How much moisture there is in the air

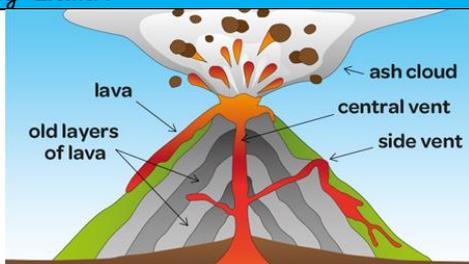
## Instruments for measuring the weather

Thermometer: measures the temperature. Units of measure: °C or °F	
Anemometer: measures wind speed Units of measure: m/s	
Barometer: measures atmospheric pressure Units of measure: atmospheres or bars.	
Rainfall Gauge: measures the amount liquid precipitation. Units of measure: mm	
Hygrometer: moisture or humidity in the air.	

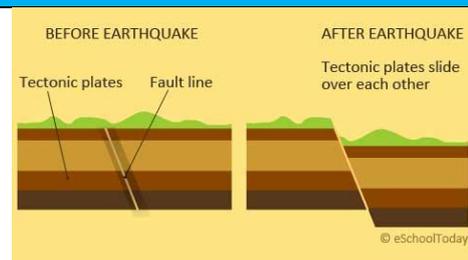
## Extreme Weather

Tornado	A dangerous thunderstorm that creates whirling, funnel shaped clouds that suck things into them
Hurricane	A dangerous storm formed over tropical oceans in areas of low pressure. From above hurricanes look like a spiral of clouds with an eye in the centre.
Thunder	Thunder is the loud sound that happens after a flash of lightning when the air around it gets very hot. The hot air gets bigger, like a blast, and then shrinks down fast as it cools, creating a sound wave that we know as thunder.
Lightning	Lightning is an electric current which builds up and fills the cloud.

## Amazing Earth



**Volcanoes:** A rupture in the Earth's crust which allow hot larva to escape from the magma chamber.



**Earthquakes:** The shaking, rolling or sudden shock of the earth's surface which is a result of the tectonic plates moving.

## Key features of Fantasy Narratives

- Imaginary setting in an unknown world which is described using adjectives and figurative language. This can be entered through a porthole from our world.
- Include good and bad characters (good vs. evil is often one of the key themes of the story).
- Characters often include animals who talk/act like humans or have magical powers.
- Lessons for the real world are contained in the story.