

# Alverton School Geography Knowledge Organiser Years 3 and 4 - Disaster

## Prior knowledge:

We have explored human and physical features of geography and compared those features to a non European Country - China. We used basic geographical vocabulary to refer to physical and human geographical features. We can locate and name the worlds continents and oceans.

## Key Vocabulary

Volcano	A volcano is a mountain or hill with an opening. When a volcano erupts, magma is pushed up through the opening with great force.
Tectonic plates	The Earth's surface is cracked into large pieces called tectonic plates.
Earthquake	an earthquake is caused by the movement of parts of the Earth's crust, its outermost layer.
Richter Scale	The Richter scale is a measurement system used when measuring the magnitude of an earthquake.
Epicentre	the part of the earth's surface directly above the starting point of an earthquake
Fault line	A fault line is a long crack in the surface of the earth
Natural disaster	Natural disasters are violent events that are outside the control of humans. They are caused by the forces of nature and may result in loss of life, injury, and damage to property.

The Earth is made up of layers

The top layer of the Earth, the Earth's crust, consists of large slabs of rocks, called plates.

Earthquakes are measured on the Richter scale, They can cause devastating damage to buildings, roads and land.

## Core Knowledge

The plates move as the hot mantle flows beneath them.

The movement of the plates causes earthquakes and leads to volcanoes erupting.

When volcanoes erupt they spew out lava. This is a very hot liquid that destroy anything in its path.

