

### What I should already know

The world is made up of different geographical features. Volcanoes can erupt. Maps can be used to find places and features.

### Learning Links

Take Home task – create a poster / fact sheet about volcanoes.

## Mountains and Volcanoes Year A Year 3/4 – Autumn term



KS1 – under the sea

### Knowledge

- Know Mount Everest is the world's highest mountain, and is 8850m high
- Know that Hilary and Tensing were the first to reach Everest's summit
- Mountains are 600m or higher
- Most of the highest mountains are in the Himalayas
- The Earth is made up of different parts including crust, mantle, outer core, inner core
- The movement of tectonic plates can create mountains and cause problems
- Volcanoes erupt when magma rises to the surface
- Earthquakes usually occur when rock underground breaks along a "fault"
- A volcano is "dormant" when it is in a sleeping state

### Vocabulary

<b>Eruption</b>	Bursting out of a volcano
<b>Magma</b>	Melted rock inside a volcano
<b>Lava</b>	Melted rock that comes out of a volcano
<b>Dormant</b>	A volcano that is "asleep" (not erupting)
<b>Vesuvius</b>	A volcano that famously erupted in Pompeii
<b>Fault</b>	A crack in huge area of rock (which can cause an earthquake)
<b>Tectonic plates</b>	Large parts of the Earth's crust
<b>Earthquake</b>	A shaking and breaking of the earth's rock areas
<b>Tremor</b>	A shaking of the earth's rock areas
<b>Everest</b>	The tallest mountain in the world
<b>Summit</b>	The top of something (like a mountain)
<b>Peak</b>	Same as summit!
<b>Valley</b>	A low area of land between hills
<b>Hill</b>	High area of land smaller than a mountain (under 600m)
<b>Cliff</b>	High area of land by the sea
<b>Hilary and Tensing</b>	Explorers who reached the summit of Everest first
<b>Crust</b>	Top part of the Earth
<b>Mantle</b>	Part of the Earth under the crust
<b>Outer core</b>	Part of the Earth under the mantle
<b>Inner core</b>	The hot, centre area of the Earth

### Assessment

End of topic assessment  
Wow / Now – school policy  
Self / Peer assessment

### Skills

- Use maps, atlases and globes and digital and computer mapping to locate countries and their features
- Describe and understand key aspects of various physical geographical features
- Evaluate and analyse creative works using the language of art, craft and design
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- Improve mastery of techniques – drawing
- Improve mastery of techniques – sculpture
- Critique, evaluate their own ideas and others
- Collect, analyse and communicate a range of information gathered that demonstrates geographical features
- Develop basic skills in cookery – such as chopping, kneading, mixing
- Select, use and combine a variety of software on a range of digital devices to design and create a range of programs
- Use the internet safely