

## Year 5 & 6 – Spring Term – Mountains

<b>Key Knowledge</b>	<b>Vocabulary</b>
<ul style="list-style-type: none"> <li>Mountains are a natural part of the landscape with steep slopes.</li> <li>They rise above 300m.</li> <li>They have a summit of at least 600m.</li> <li>Some mountains are found in groups called a mountain range but some mountains can be on their own.</li> <li>Not all mountains are single summits.</li> <li>Mount Everest is the highest mountain in the world – 8848m.</li> </ul> <div style="text-align: center;"> </div>	<p><b>Altitude</b> - The height above sea level.</p> <p><b>Avalanche</b> - A large amount of snow that quickly moves down a mountain or slope.</p> <p><b>Crust</b> - The outermost layer of the earth.</p> <p><b>Face</b> – A visible section of a side of a mountain.</p> <p><b>Gorges</b> - A narrow valley with steep walls, found between hills or mountains.</p> <p><b>Hypothermia</b> - A serious condition when the body gets too cold and can't warm itself up.</p> <p><b>Lava</b> - Hot, liquid rock that flows from a volcano.</p> <p><b>Magma</b> - Hot, liquid rock located deep below the earth's surface.</p> <p><b>Outcrop</b> – A rock formation that sticks out of the land or mountain.</p> <p><b>Plateau</b> – A flat part of land.</p> <p><b>Ridge</b> – Long narrow top connecting mountains.</p> <p><b>Summit</b> - The highest point of a mountain.</p> <p><b>Tectonic plate</b> - Pieces of the earth's crust connected together.</p>

### How are mountains made?

<b>Fold Mountains</b>	<b>Fault-Block Mountains</b>	<b>Volcanic Mountains</b>	<b>Dome Mountains</b>	<b>Plateau Mountains</b>
Tectonic plates collide and rock is pushed up.	Cracks in the earth's surface open up, some chunks of rock are pushed up, some down.	Formed around volcanoes and made of layers of ash and cooled lava.	Formed when magma is forced upwards but doesn't ever flow out of the crust.	Materials taken away through erosion leave deep valleys or gorges next to high cliffs.

<b>Lesson</b>	<b>Key Questions - Learning Sequence</b>
1	Where are the World's major mountain ranges?
2	Where are The Alps and what are they like?
3	What are the features of a mountain?
4	How are mountains made?
5	What is the climate like in the mountains?
6	What impact does tourism have on the mountains?