



# Year 4 Term 3: What makes mountains magnificent?

## Key Knowledge

### Fold Mountains

The upward fold is called an anticline

The downward fold are synclines

Zagros Mountains, The Himalayas, the Andes, Mount Blanc and the Rocky Mountains are all fold mountains.

### Fault Block Mountains

They get their mountain shape by erosion over time

Formed when 2 plates move towards each other and the crust cracks along the fault lines

Sierra Nevada mountain range in California

### Dome Mountains

Formed by a great amount of molten rock pushing its way up under the earth's crust.

Black Hill Range and Mount Rushmore

## Vocabulary Dozen

<b>peak</b>	The top of a mountain
<b>summit</b>	The top of the mountain
<b>topographic</b>	The detailed mapping of a region
<b>Contour lines</b>	A line on a map or chart joining points of equal height or depth
<b>dome</b>	a rounded arch
<b>erosion</b>	The gradual destruction of rock by rivers, sea or weather
<b>formed</b>	The creation of something
<b>steep</b>	A very big increase or decrease
<b>oxygen</b>	A colourless gas
<b>fold</b>	A bend in the rock
<b>Fault</b>	A fracture in the rock where there has been movement
<b>Fracture</b>	A separation in a rock

### Highest British peaks

**Ben Nevis** Scotland

**Snowdon** Wales

**Scafell Pike** England

**Slieve Donard** Northern Ireland

### Highest Peaks in the world

Mount Everest Asia

Aconcagua South America

Mount McKinley North America

Kilimanjaro Africa

Mount Blanc Europe

Vinson Massif Antarctica

Mount Kosciusko Australia

