



Year 4 Spring 1: 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

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

