

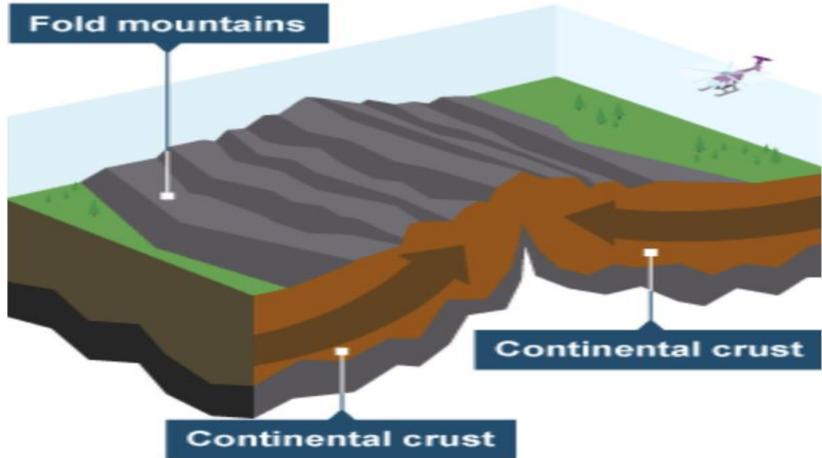
Key Facts – Fold Mountains
Fold mountains are formed when two tectonic plates push together.
Older mountains are smaller as they have had a longer time to erode.
It takes millions of years to create fold mountains.
Fold mountains are the most common type of mountain in the world.

Famous Mountains and Mountain Ranges	
Mount Everest	Nepal (Near China)
Mount Olympus, Mars	Mars
Alps	Border Between France, Italy, Switzerland
Mauna Kea	Hawaii (an island west of the USA)
Cambrian Mountain Range	A series of mountains in Wales (UK)

Vocabulary Dozen	
Crinoids	Sea animals which look like Lily flowers.
Erosion	The gradual destruction of something such as rock by water or wind.
Fold Mountains	Mountains formed by ‘folding’.
Fossils	The remains of animals or plants that have been preserved (kept) in rock.
Glacier	A slow-moving mass of ice on mountains or near the North and South Poles.
Limestone	A type of sedimentary rock usually found in mountains.
Mountain Range	A series of mountains in a line, connected by high ground.
Sediment	Material such as sand or soil that is deposited (dropped) onto the land or seabed.
Sedimentary Rock	Rock formed from layers of sediment.
Summit	The top of the mountain.
Tectonic Plates	Parts of the Earth’s crust, divided into large pieces.
Valley	A low area of land between hills or mountains.

What are fold mountains?

Fold mountains are formed by two tectonic plates pushing into each other, this forces land upwards. As the land is forced upwards it folds onto itself, creating hills, mountains and mountain ranges.



Home Geographer

Use the National Geographic website to find out more about how fold mountains are made using the website below:
<https://www.nationalgeographic.org/encyclopedia/fold-mountain/5th-grade/>



The First Men to Climb Mount Everest

The first two men to successfully climb Mount Everest and make it back alive were Edmund Hillary and a Sherpa (a native Himalayan) called Tenzing Norgay. In 1953, they climbed the highest mountain in the world, Mount Everest. It was here that they found a series of fossils of sea creatures called crinoids.



The Cambrian Mountains in Wales (UK)

The Cambrian Mountains are a range of mountains in Wales. These mountains are far older and much lower than the Himalayan Mountains (including Mount Everest) as they have been eroded over a much longer period of time. The people of Wales use these mountains for farming and tourism.



Map Work

OS Map	A detailed map produced by the British Government.
Grid Reference	A series of vertical and horizontal lines over a map to help locate specific locations.
Map Scale	A ratio that compares the measurement on a map to the actual distance. E.g. 1cm = 1km.
Relief Map	A map that shows heights through shading.

