



Mountains KS2 Knowledge Mat

Sticky Knowledge about Mountains

To know what a mountain is and how they are formed.

- A mountain is a high, rocky area of land with steep, sloped sides.
- They are found on every continent of Earth; there are even mountains under the sea.
- There is no official minimum height for a mountain, however it is usually used to describe an area that rises dramatically higher than sea level and its surroundings.
- Groups of mountains are known as mountain ranges, e.g. Lake District in England; Himalayas in Malaysia; The Alps in Europe; the Andes in South America. Mountain ranges are millions of years old.
- There are fold mountains, block mountains, plateau and volcanic mountains.

To locate the highest peaks in each country of the UK.

- The highest mountain in Scotland, and also the highest in mainland UK, is Ben Nevis at 4,411 feet (1345m).
- The highest mountain in Wales is Snowdon at 3,560 feet (1085m) in the northwest county of Gwynedd.
- England's highest mountain is Scafell Pike, at 3,209 feet (978m) and is located in the Lake District National Park in Cumbria, northwest England.
- Northern Ireland's highest mountain is Slieve Donard at 2,789 feet (850m). Located in the Mourne Mountains, about 33 miles south of Belfast, it is the 7th highest mountain in Ireland as a whole.

To identify and locate mountainous regions of the UK.

- Scotland is the most mountainous country in the UK with the most peaks in the Highlands, the area north and west of the Highland Boundary Fault.
- The highest peaks in England are clustered around the Lake District, again in the northwest of the country, while Snowdonia National Park has the highest peaks in Wales.
- The most significant mountain range in England is the Pennines. Often referred to as the spine or backbone of England, the Pennines run through the middle of the north of the country from Derbyshire up into Northumberland.
- Mourne Mountains in Northern Ireland
- Snowdonia in Wales

To identify land-use patterns of Snowdonia and understand why land-use is changing.

- The area's economy was traditionally centred upon farming and from the early 19th century increasingly on mining and quarrying.
- Tourism has become an increasingly significant part of Snowdonia's economy during the 20th and 21st centuries.
- Over the years farmers have used their land and outbuildings to attract tourists to Snowdonia. A number of farmers supplement their income by letting their land to caravan owners and campers.
- The money they get from doing this is more than they would get from growing crops or rearing animals.

To understand the relationship between people and mountains.

- Uses of mountains:
- Climbers and tourists visit them for the scenery.
 - Farmers graze their animals on them.
 - Water authorities make reservoirs and pump the water to towns and cities.
 - Forestry companies grow coniferous forests and harvest wood on them

Subject Specific Vocabulary

Peak

Is the highest point of any mountain.

Valley

A valley is a long depression, or ditch, in Earth's surface and usually lies between ranges of hills or mountains.

Cliff

They are tall, steep rocks that were created by erosion and have vertical faces.

Ridge

Are part of the steep, sloping side of a mountain.

Plateau

A plateau is an area of flat ground that is much higher than the surrounding area.

Summit*

It is the highest point of a mountain.

Source*

The start of a river is called the source. The source of a river is the furthest point on the river from its mouth. Many rivers are formed when rain flows down from hills or mountains but sometimes the source is a lake, a marsh or a bog.

Land-use*

Land use is when an area is used for a specific purpose. There are five types of land use: residential, agricultural, recreation, transportation, and commercial.

Rural*

It is a location in the country. It is not usually as busy as an urban place.

Urban*

A busy locations which has lots of houses and usually shops and offices.

Tectonic plates*

The Earth's outer layer is made up of large, moving pieces called plates.