



## Yarm Primary School

Year 4

Mountains

Why aren't they everywhere?

### Key Vocabulary

### Suggested Activities

### 'Sticky' Knowledge

**Mountain**

A landform that rises prominently above its surroundings.

**Altitude**

The height of a point in relation to sea level or ground level.

**Summit**

The highest point of a mountain.

**Peak**

The highest point of a mountain, similar to a summit.

**Mount Everest**

The tallest mountain in the world.

- Can you sketch a mountain?
- Can you find the four highest mountains in the world?
- Can you find the four highest mountains in the UK?
- What is the closest mountain to Yarm Primary School?
- Can you find the highest mountain in each continent?

- Mountains can be formed in various ways, creating several types of mountains.
- Mountains can be found in mountain ranges. However, they can also be located outside of these ranges.
- Some mountain ranges include the Cairngorms in Scotland, the Pennines in England, the Mourne Mountains in Northern Ireland and Snowdonia in Wales.
- Roseberry Topping is 320m tall, but it is not a mountain because it is not tall enough.
- The highest mountain ranges are created by tectonic plates pushing together and forcing the ground up where they meet. This is how the mountains of the Himalayas in Asia were formed.

**Fold Mountains**

These mountains are formed by the folding of layers within the upper part of the Earth's crust.

**Fault-block Mountains**

These mountains are created by tectonic and localised stresses in Earth's crust.

**Dome Mountains**

These mountains are formed where a region of flat-lying sedimentary rocks is warped or bowed upward making a structural dome

**Volcanic Mountains**

Overlapping lava flows and layers of consolidated volcanic dust are responsible for the formation of volcanic mountains.

### Find and research these famous people!

- Edmund Hillary
- Tenzing Norgay
- Bear Grylls

