

Spring 2

Lostwithiel Primary School

YEAR 4/5
Maple Class

Human and Physical Geography - Mountains

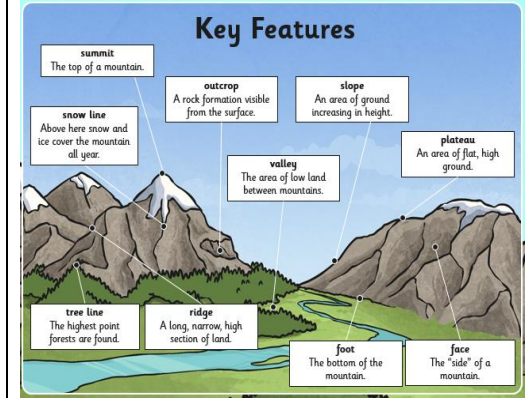
Geography Knowledge Organiser

Prior Learning

- Children have already studied earthquakes and volcanoes.
- Children have looked at the layers of the earth and tectonic plates looking specifically at tectonic plate boundaries, linking to continents.

Key Geographical Learning

- A mountain is a part of the landscape with steep slopes that rise over 300m. Some mountains are isolated summits, but most are found in mountain ranges.
- A mountain range or hill range is a series of mountains or hills ranged in a line and connected by high ground.
- Mountain ranges have a variety of key features including a summit, snowline, tree line, ridge, outcrop, valley, slope, foot, plateau and face.
- There are five different types of mountain formed by different movement of tectonic plates, cracks in the earth's surface, pressure beneath the earth's crust and erosion.
- The climate of mountains depends on which climate zone it is situated in. Generally the climate on mountains get progressively colder with increased altitude. This happens because as altitude increases, air becomes thinner and is less able to absorb and retain heat.



Geographical Skills

- Use maps, atlases, globes and digital/computer mapping to locate countries and mountains/mountain ranges.
- Using a legend to identify height above sea level

Key Vocabulary

Contour	A line on a map joining points of equal height above or below sea level
Climate Zone	Areas of the world with distinct climates
Mountain Range	A series of mountains ranged in a line, connected by high ground
Summit	The highest point of a hill or mountain
Peak	The pointed top of a mountain
Tectonic Plates	A large piece of rock covering part of the earth to form the crust
Altitude	The height of a point in relation to sea level
Legend	A list of conventional symbols and notes on a map to explain its meaning or content

Cross-Curricular Links

- Art—Clarice Cliff painting and printing
- Reading—The Abominables
- Science—States of Matter

Linked documents: Class Overview, History Whole School Progression document and Class Medium Term Planning.

