

# St Luke's Knowledge Organiser

## Year 4 - Mountains

### What I should already know

- ◆ Within the United Kingdom there are many mountain ranges that make up its physical geography.
- ◆ Liverpool is surrounded by the Welsh mountains and the Pennines
- ◆ Children that make up the Welsh mountains and their significance to the surrounding environment.
- ◆ Sticky knowledge from topics covered in Year 1, 2, and 3 (local area, cities, UK, Weather, Rivers, Europe and the Continents)



### Sticky Knowledge

- ◆ Mountains make up one-fifth of the world's landscape.
- ◆ Mount Everest is the world's highest mountain and it is 8,850m high.
- ◆ There are mountains under the surface of the sea.
- ◆ 80% of our fresh water originates from mountains.
- ◆ The highest 14 mountains in the world are all found in the Himalayas.
- ◆ Generally mountains are higher than 600m, if they are less they are called hills.
- ◆ Mountains can be rocky and barren but some have trees growing on their sides and very high mountains have snow on their peaks.

### Geographical skills and fieldwork

- ◆ To use fieldwork to observe, measure, record, present the human and physical features in the local area. Sketch maps/plans/graph/digital technology.
- ◆ Use 8 points of the Compass.
- ◆ To use symbols and keys including ordnance
- ◆ Use Maps, atlases, globes, digital computer mapping to locate countries and describe features.
- ◆ To use 4 figure grid references

### Vocabulary

<b>peak</b>	The peak is the highest point of any mountain.
<b>valley</b>	A valley is a long depression, or ditch, in the Earth's surface and usually lies between ranges of hills or mountains.
<b>cliff</b>	Cliffs are tall, steep rocks that were created by erosion and have vertical faces.
<b>ridge</b>	A ridge is part of the steep, sloping side of a mountain.
<b>plateau</b>	A plateau is an area of flat ground that is much higher than the surrounding area.
<b>summit</b>	The summit is the highest point of a mountain.
<b>hill</b>	A hill is a landform that is high but not high enough to be a mountain.
<b>terrain</b>	Terrain is used as a general term when referring to the lie of the land.
<b>tectonic plates</b>	The Earth's outer layer is made up of large, moving pieces called plates.
<b>fold mountains</b>	Fold mountains are formed when two plates run into each other or collide.
<b>range</b>	A mountain range is a group or chain of mountains that are close together.