

# St Luke's Knowledge Organiser

## Year 4 - Magnificent 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.
- ◆ Sticky knowledge from topics covered in Year 1, 2, and 3 (local area, cities, UK, Rivers, Europe and the Continents)



### Sticky Knowledge

- ◆ Mountains are areas of land that are much higher than the land surrounding them, very high mountains can have snow on their peaks.
- ◆ Mountains are steeper than a hill and often found together in a group called a mountain range. Mountain ranges are created by tectonic plates pushing together.
- ◆ Tectonic plates move very slowly, it can take millions and millions of years for mountains to form.
- ◆ Whilst mountain tourism can have negative impact, it also has high potential to stimulate local economic growth and social change.
- ◆ Mountains attract tourism and visitors for their scenic beauty, it can bring opportunity for revitalizing local traditions and food systems.
- ◆ Key features of a mountain includes, steep, sloping sides and sharp or rounded ridges, and a high point, called a peak or summit.

### Geographical skills and fieldwork

- ◆ Use 8 points of the Compass.
- ◆ To use symbols and keys including ordinance
- ◆ Use Maps, atlases, globes, digital computer mapping to locate countries and describe features.
- ◆ To use 4 figure grid references

### Vocabulary

|                 |   |
|-----------------|---|
| altitude        | The height above sea level.   |
| cliff           | Cliffs are tall, steep rocks that were created by erosion and have vertical faces.      |
| magma           | A ridge is part of the steep, sloping side of a mountain.                               |
| lava            | hot, liquefied rock that flows from a volcano or other opening in the surface of Earth. |
| summit          | The summit is the highest point of a mountain.  |
| avalanche       | A large amount of snow that quickly moves down a mountain or slope.                     |
| tectonic plates | The Earth's outer layer is made up of large, moving pieces called plates.               |
| range           | A mountain range is a group or chain of mountains that are close together.              |