**St Mary’s C of E Primary School, Writhlington**

‘Inspiring Learning Together’

**Scheme of Work + Knowlegde Organiser**

**Picture or illustration:** 

**National Curriculum:**

Human and physical geography

♣ describe and understand key aspects of:

♣ physical geography, including: climate zones, biomes and vegetation belts**, rivers, mountains**, volcanoes and earthquakes, and the water cycle

**Wider Curriculum** (Cooking, trips, outdoor):

N/A

**Key Vocabulary:**

Altitude – the height above sea level

Avalanche – a large amount of snow that quickly moves down a mountain or slope

Crust – the outmost layer of the Earth

Gorges – a narrow valley with steep walls, found between hills or mountains

Hypothermia – a serious condition when the body gets too cold and can’t warm itself up.

Lava – hot, liquid rock that flows from a volcano

Magma – hot liquid rock located deep below the earth’s surface

Summit – the highest point of a mountain

Tectonic plate – pieces of the Earth’s crust connected together.

Source – the beginning of a river sometimes known as its headwaters.

Tributary – a river or stream that feeds into another river, rather than ending in a lake,

Watershed – the area of land that drains into a specific river.

Floodplain – an (often low-lying) area of land which becomes covered in water when a river overflows.

Channel – the path a river takes it’s called its channel. A rivers course depends on the amount of water it holds, how long it has been flowing, and the types of rock that it flows over.

Riverbank – the land immediately along the river. The land is often fertile.

Confluence – the junction of two rivers.

Flow – the name given for the amount of water that a river holds. This can change through the year.

**The Learning Journey:**

* LQ: Can I use the index of an atlas to find mountains and find the height of a peak on a map?
* LQ: Can I locate key areas of higher ground in the UK and draw contour lines to show higher ground?
* LQ: Can I describe the key features of mountain ranges?
* LQ: Can I explain how different types of mountains are formed?
* LQ: Can I locate the key rivers of the world?
* LQ: Can I describe the key features of a river system?
* LQ: Can I describe the ways rivers are used and explain the impact of damming rivers?

Mountains and rivers