

Geography Sticky Knowledge

Year R

- I know that I belong to Class R in Orleton School.
- I know that it is Autumn.
- I can look for signs of Autumn on a walk around our grounds.
- I can look for signs of Winter/Spring on a walk around our school grounds.
- I know that in the Summer it gets hot and sunny.

Year 1

- I know the four seasons in order.
- I know the village of Orleton is in the country of England.
- I know that the UK is made up of the countries of England, Scotland, Wales and Northern Ireland and can locate them on maps, atlases and globes
- I know where the equator is and that it is very hot around it.
- I know where the South Pole and the North Pole are on a world map or globe and that they are very cold places.

Year 2

- I know and can locate the 4 Countries and Capital cities of the United Kingdom.
- I know there are seven continents – Africa, Antarctica, Asia, Australasia, Europe, North America, South America and can locate them on a map, atlas or globe.
- I know continents are surrounded by oceans and I can name and locate the 5 – Southern, Arctic, Indian, Atlantic, Pacific.
- I can use a map, globe and atlas to find the UK and its capital cities, continents and oceans.
- I know simple compass directions (North, South, East and West) and can use them to move around and describe the location of features and routes on a map of the school.

Year 3

- I know where the UK, Spain, Portugal and France are and can label them on a map.
- I know where the Equator, Northern Hemisphere and Southern Hemisphere are on a globe and I am familiar with the terms Tropics of Cancer and Capricorn, Arctic and Antarctic Circle.
- I know some differences between Southern Spain and Coastal England OR between Madrid and London.
- I know how to read 8 points on a compass.
- I know that the UK is made up of towns, villages and cities. I can name and locate some cities such as Hereford and London.

Year 4

- I know that the UK is divided into counties. I can name and locate some counties. For example, Herefordshire, Worcestershire and Shropshire.
- I know how to use 2 and 4 figure grid references to build knowledge of the UK.
- I know how to locate South America using maps.
- I know that the four layers of vegetation in the rainforest are the emergent layer, the canopy, the understorey and the forest floor.
- I know how to use maps, atlases and globes to locate countries and describe features e.g locate South America and the rainforest within the southern hemisphere.
- I know how the water cycle works and can explain the different stages (precipitation, infiltration, evaporation, transpiration, condensation and transportation)

Year 5

- I know about different time zones across the globe
- I know latitude and longitude are imaginary lines used to describe the location of any place on Earth. Latitude runs east to west, longitude runs north to south.
- I know a compass has eight points and can name them: North, North East, East, South East, South, South West, West, North West.
- I know how to use four and begin to use six figure grid references on a map
- I know that many earthquakes and volcanoes are located in the ring of fire in the Pacific Ocean
- I know that The Earth has three layers – the crust at the very top, then the mantle, then the core at the very middle of the planet.
- I know that The Earth's crust is made up of huge slabs called tectonic plates.
- I know when a volcano erupts, magma comes up and out through the vents. Magma is called lava when it's outside the volcano.
- I know a dormant volcano is an active volcano that is not erupting but may erupt again.
- I know that an earthquake is caused when two tectonic plates rub together and slide past each other causing the surface of the earth to vibrate
- I know sustainability is to maintain something
- I know that renewable energy sources include solar energy, wind energy, hydro energy and geothermal energy
- I know that non-renewable energy sources include oil, natural gas, coal and nuclear energy

Year 6

- I know where the rivers Wye, Severn and Thames are located and can identify their sources

- I can name the Himalaya, the Rockies, the Andes and in which countries and continents they are located.
Himalaya- India, Pakistan, Afghanistan, China, Bhutan and Nepal. Asia
Rockies- Canada and United States. North America.
Andes- extends over seven countries: Argentina, Bolivia, Chile, Colombia, Ecuador, Peru, and Venezuela, known as Andean States. South America.
- I know that Mt Everest is the highest mountain in the world and is part of the Himalayas
- I know that mountains are formed in different ways: 'Fold Mountains' – tectonic collisions; 'Dome Mountains' – pressure from magma under the Earth's crust
- I know that the ancient Maya lived in five countries in Central America: Belize, Honduras, Mexico, El Salvador and Guatemala and that this is where the Maya live today
- I can name some of the major cities of North America e.g. New York, Washington, Los Angeles.
- I know where the Panama Canal, the Rockies, the Grand Canyon, Niagara Falls, Death Valley, the Hubbard Glacier (Alaska) and the Hoover dam are on a map of North America and that these are located in very different biomes