

## Geography Knowledge Map Year R

### **Autumn Term – Locational/ Place Knowledge:**

- ▷ I can talk about my home, who I live with.
- ▷ I can know what my home looks like / features
- ▷ I know the type of house I live in.
- ▷ I know that I belong to Class R in Orleton School.
- ▷ Familiar places – school, clubs, family homes

### **Geographical skills and fieldwork**

- ▷ Make simple maps of imaginary communities (small world play eg. duplo)
- ▷ Draw simple maps from Stories
- ▷ Participate in Forest Schools – using our school grounds

### **Human and physical geography**

- ▷ I know the simple features of Class R classroom, playground, outside space and some of the common shared school areas eg. field.

### **Weather and seasons**

- ▷ I know that it is Autumn.
- ▷ I can look for signs of Autumn on a walk around our grounds.

### **Key Vocabulary:**

- ▷ Home, house, school, village, Orleton; world map India (link to Diwali, Hindus)
- ▷ Weather /sunny, rainy, cloudy, snowy, frosty, windy, rainbow, warm, cold,
- ▷ Autumn, Winter

### **Summer Term – Locational/ Place Knowledge:**

- ▷ I know where our school pond is.
- ▷ I know my way around my school.

### **Geographical skills and fieldwork**

- ▷ I can look carefully at the different minibeast habitats around our school grounds.
- ▷ I can look carefully at our outside environment to find the best place to grow our seeds/plants.
- ▷ I can draw treasure maps.

### **Human and physical geography**

- ▷ I can talk about the best places around our school environment to find minibeasts.
- ▷ I can talk about the similarities and differences when visiting a Farm Park on school trip

### **Weather and seasons**

- ▷ I can talk about the different weather and how it relates to growing plants and growing conditions.
- ▷ I know that in the Summer it gets hot and sunny; that I need to find the shady areas when outside and wear a hat – appropriate clothing.

### **Key Vocabulary:**

- ▷ Growing, planting, garden, minibeasts, log pile, wood, habitats, pond, pond-dipping,
- ▷ Treasure maps
- ▷ Weather: hot sunny shade
- ▷ Summer

# Geography Knowledge Map Year 1

## **Autumn- Weather and seasons:**

### **2 units of History- Henry Bulmer & Remembrance Day**

#### **Weather and seasons**

- ▷ I know which season we are in – Autumn (and in December we move into Winter)
- ▷ I know the season affects the weather.
- ▷ I know the weather in Autumn is often wetter, windier and cooler than in Summer
- ▷ I know the four seasons in order spring, summer autumn, winter.

#### **Key Vocabulary:**

weather, temperature, rain, wind, frost, warmer, cooler, spring, summer, autumn, winter

## **Spring Term 1- Our Local Area**

#### **Place Knowledge:**

- ▷ I know what the place where I live is called.
- ▷ I know my school is in the village of Orleton.

#### **Locational knowledge:**

- ▷ I know the village of Orleton is in the county of Herefordshire.
- ▷ I know that Herefordshire is in the country I live in called England.

#### **Geographical skills and fieldwork**

- ▷ I can point out some human and physical features of my school and the village.
- ▷ I can draw a map of Orleton school, playground and field.
- ▷ I can use the words near, far, left and right to describe features on my map e.g. the pond is near to the junk yard.

#### **Human and physical geography**

- ▷ I know the human features of Orleton are; houses, pubs, school, shop, Church, War Memorial, Pre-school, Village.
- ▷ I know the physical features of Orleton are; stream, woodland

#### **Key Vocabulary:**

Shop, school, village, county, country, human features, physical features, season Autumn, Winter, frost, snow

## **Spring Term 2 – The United Kingdom**

#### **Locational knowledge**

- ▷ 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 that each country has its own flag and national flower
- ▷ I know that the UK is made up of 2 main islands – they are surrounded by seas

#### **Human and physical geography**

- ▷ I know some of the human and physical features of where I live – shops, houses, school, stream, farm, hills, wood, pub, war memorial

#### **Geographical skills and fieldwork**

- ▷ I can use a world map, globe or atlas to find the United Kingdom and its countries.

**Key Vocabulary:** country, flag, island, United Kingdom, sea, shop, houses, farm, hill, school, stream, wood

## **Summer Term – Hot and Cold places – The Snail and the Whale & Meerkat Mail**

#### **Human and physical geography**

- ▷ I know where the equator is and that it is very hot around it.
- ▷ I know where hot and cold countries are located in the world

#### **Place knowledge**

- ▷ I know that the Kalahari Desert is in Africa
- ▷ I know that the Kalahari Desert and the UK have different weather
- ▷ I know where the South Pole and the North Pole are on a world map or globe and that they are very cold places.

#### **Weather and seasons (term covers Spring and Summer)**

- ▷ I know there are four seasons and which season I am in now.
- ▷ I know the weather starts to warm up in Spring.
- ▷ I know the weather can be hotter and drier in Summer.

**Key Vocabulary:** Spring, Summer, temperature, warmer, hotter, drier hot, cold, equator, North Pole, South Pole, weather, desert, grassland, season,

## Geography Knowledge Map Year 3

### **Autumn Term – Spectacular Spain:**

#### **Locational / Place Knowledges**

- ▷ 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.

#### **Human and physical geography**

- ▷ I know the names of some climate zones e.g. Temperate climate (UK), Mediterranean climate (Spain)
- ▷ I know the names of vegetation belts are: forest, grassland, tundra, desert and ice-sheet.

#### **Key Vocabulary:**

Equator, Northern Hemisphere, Southern Hemisphere, Tropic of Cancer, Tropic of Capricorn, Arctic Circle, Antarctic Circle, Climate Zone, Temperate Climate, Mediterranean climate, Tropical climate, Desert climate, Arctic climate, Vegetation belt, Forest, Grassland, Tundra, Desert, Ice-sheet, thermometer.

### **Spring Term – History led topic: Incredible Egyptians & Forest Schools:**

#### **Geographical skills and fieldwork**

- ▷ I know how to read 8 points on a compass
- ▷ I know how to use maps and globes to locate a country.
- ▷ I know how to use symbols and keys to demonstrate features on a map.
- ▷ I know how to draw a simple map of an area.

#### **Human and physical geography**

- ▷ I know about types of land-use, and the distribution of natural resources such as minerals and water.

**Key Vocabulary:** Continent, Country, Resources, Minerals, River, Sea, Key, Symbols, Settlement, North, South, East, West, North-East, North-West, South-East, South-West, compass

### **Summer Term- History led topic: Saxons and Vikings**

#### **Locational / Place Knowledge**

- ▷ 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
- Human and physical geography
- ▷ I know about types of settlement and land use, and the distribution of natural resources including food, minerals and water and how these were important to settlers of the past.

#### **Key Vocabulary:**

Town, Village, City, Settlement

## Geography Knowledge Map Year 4

### **Autumn Term – Local Study (History topic – The Tudors)**

#### **Locational / Place Knowledges**

- ▷ Locational knowledge
- ▷ I know that the UK is divided into counties. I can name and locate some counties. For example, Herefordshire, Worcestershire and Shropshire.
- ▷ I know that UK counties are made up of towns, villages and cities. I can name and locate some major cities
- ▷ I know some human characteristics within the county of Herefordshire e.g towns, shops, Cathedral, residential areas, schools etc.
- ▷ I know some physical characteristics within the county of Herefordshire e.g. rivers, weather, climate zones and hills.
- ▷ I know how the land is used and how this has changed over time e.g how farm land has been developed into residential or commercial area.
- ▷ I know the different types of land use e.g. residential, agricultural, recreational, transport and commercial.

#### **Geographical skills and fieldwork**

- ▷ I know how to use 2 and 4 figure grid references to build knowledge of the UK.
- ▷ I know how to use fieldwork to observe and measure the human and physical features using a range of methods, including sketch maps, plans and graphs.

**Key Vocabulary:** county, town, city, cathedral.

### **Spring Term – Rainforests**

#### **Locational knowledge**

- ▷ I know that the Amazon rainforest in Brazil is found on the continent of South America in the southern hemisphere.
- ▷ I know how to locate South America using maps.
- ▷ I know how to use 2 and 4 figure grid references to build knowledge of the wider world.

#### **Human and physical geography**

- ▷ I know that the climate in tropical rainforests is hot and humid: it rains every day and with mostly convectional rainfall.
- ▷ 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 that people change the use of land in this way so that it can be used to farm, build roads, to dig for oil or to use the wood from the trees.

- ▷ I know that their daily lives and economy are different to ours in the UK and that they rely on the natural resources around them to live.
- ▷ I know that the Amazon Biome is the area covered by dense moist tropical forest.

#### **Geographical skills and fieldwork**

- ▷ I know how to use maps, atlases and globes to locate countries and describe features e.g locate South America and the rainforest.
- ▷ I know the similarities and differences between the Amazon Rainforest and a woodland in the UK.

**Key Vocabulary:** rainforest, tropical, climate, biodiversity, southern hemisphere, deforestation, convectional rainfall, evaporation, transpiration, condense, seasons, indigenous, (village) settlement, economy, global warming, traditional, drought.

### **Summer Term – The Water Cycle**

#### **Human and physical geography**

#### **Water Cycle:**

- ▷ I know how the water cycle works and can explain the different stages (precipitation, infiltration, evaporation, transpiration, condensation and transportation)

#### **Key Vocabulary:**

Water Cycle, precipitation, evaporation, transpiration, condensation, transportation

# Geography Knowledge Map Year 5

## **Autumn Term – Map Work**

### **Locational knowledge**

- ▷ I know how to use an atlas or map to locate countries e.g including UK, Italy and Russia
- ▷ I know how to use maps to locate UK and Italy concentrating on their environmental regions, key physical and human characteristics, countries, and major cities;
- ▷ 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
- ▷ I know latitude runs east to west, longitude runs north to south

### **Geographical skills and fieldwork**

- ▷ I know a compass has eight points and can name them
- ▷ I know how to use four and begin to use six figure grid references on a map
- ▷ I know and can identify common symbols on a map
- ▷ I know how to use a local map and can follow a route to Croft Castle
- ▷ I know how to use Google maps and data on Strava

**Key Vocabulary:** map, atlas, symbol, compass points, grid reference, physical and human characteristics city, country, longitude, latitude, time zones

## **Spring Term – Volcanoes and Earthquakes**

### **Locational knowledge**

- ▷ I know that many earthquakes and volcanoes are located in the ring of fire in the Pacific Ocean

### **Human and physical geography**

- ▷ 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 that a volcano is a deep hole in the Earth's surface that lets out gases, ash and lava.
- ▷ 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 an active volcano has had at least one eruption in the last ten years.
- ▷ 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

**Key Vocabulary:** core, mantle, crust, earthquake, volcano, tectonic plates, ring of fire, dormant, active, extinct, tsunami

## **Summer Term – Sustainability**

### **Place Knowledge**

- ▷ I know sustainability is to maintain something
- ▷ I know we need to avoid the depletion of natural resources

### **Human and physical geography**

- ▷ I know that renewable energy is from a source that is not depleted when used and non-renewable energy is from a source that will run out
- ▷ 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

**Key Vocabulary:** renewable, non-renewable, energy, sustainability,

## Geography Knowledge Map Year 6

### **Autumn Term – History Topic: The Stone Age to Iron Age**

### **Spring Term – Rivers, Coasts and Mountains**

#### **Locational knowledge**

- ▷ 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
- ▷ I know that Mt Everest is the highest mountain in the world and is part of the Himalaya
- ▷ I can use an Ordnance Survey map to identify rivers and their features, using grid references
- ▷ I can identify some of the places in the UK where there is coastal tourism e.g. Pembrokeshire, Devon and Cornwall.

#### **Human and physical geography**

- ▷ I know how river features change on their journey from source to sea due to erosion, transportation and deposition
- ▷ I know that rivers are vulnerable to pollution and flooding and some of the causes (agriculture, housing development)
- ▷ 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 terrain and climate on a high mountain changes with altitude (e.g. climate-dependent vegetation, needle leaf trees, alpine plants, rock and ice)
- ▷ I know that tourism can have a positive and negative impact on a mountain environment and its local community (Mt. Everest)
- ▷ I know that coastal landscapes change over time due to erosion, weathering, transportation and deposition

#### **Key Vocabulary:**

Transportation, tributary, meander, source, oxbow lake, flow, load, mouth, delta, erosion, deposition, glacier, moraine, fold, dome, volcano, altitude, subsistence economy, Sherpa, sustainable tourism, sea stack, arch, cave, cliff, bay, weathering, saltmarsh, sand dune, gabion, groyne.

### **Summer Term – The Mayan Civilisation (History topic) Central America and North America**

#### **Locational knowledge**

- ▷ 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 the different biomes of North and Central America

#### **Human and physical geography**

- ▷ 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
- ▷ I know that North America consists of many different time zones

#### **Key Vocabulary:**

Climate, biome, continent, Northern Hemisphere, Southern Hemisphere, equator, poles, temperature, precipitation, time zones, Greenwich Mean Time