Geography at Kimbolton St James’ Primary School

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| **LKS2 Knowledge Cycle A** |
| **Topic** | **Vocabulary** | **Locational, Human and Physical Knowledge** |
| **Our Neighbours in Europe** | Northern hemisphere, region, mountain range, climate, land mass, settlement, country, (capital) city, continent, ocean, river, sea, population, weather pattern, physical and human features. | **1. Locational knowledge** * I know that the **continent** of Europe is divided into countries and can name some of them.

For example, UK, Russia, France, Germany, Spain, Italy, Ireland, Greece and Sweden.* I know names of the **capital** **cities** of some European countries

For example, UK – London, Italy - Rome, Ireland – Dublin, France - Paris, Germany - Berlin, Russia – Moscow.* I know some key **physical features** of Europe such as the River Danube which is the second longest **river** in the world passing through 10 European countries, and that the Alps is a **mountain** range in Europe.
* I also know some other key **physical features** of Europe such as the Giant’s Causeway (Ireland), AuroraBorealis and The BlackForest (Germany) and where they are found.
* I can name some **seas** and **oceans** surrounding European countries such as the Artic Ocean and the Mediterranean Sea and know that this has affected where humans have settled and how they live.
* I know humans have had an impact on the continent of Europe leaving behind important landmarks. For example, the Eifel Tower in Paris, the Colosseum in Rome, Croatia’s walled city of Dubrovnik, the Berlin Wall and Stonehenge in the UK

**3. Locational knowledge** * I know that the continent of **Europe** is located in the **Northern** **Hemisphere**.

**1. Human and physical geography*** I know the European **climate** is affected by warm Atlantic currents.
* I know that the different regions of Europe experience different weather patterns.

**2. Geographical skills and fieldwork** * I know and can locate **countries** within Europe using maps, atlases and globes
* I know and can locate **capital** **cities** of some European countries on a map, atlas or globe.

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| **Rainforests** | rainforest, tropical, equator, Tropics of Cancer and Capricorn, climate, biodiversity, southern hemisphere, deforestation, convectional rainfall, evaporation, transpiration, condense, seasons, indigenous, (village) settlement, economy, global warming, traditional, drought. | **3 Locational knowledge** * I know that the **equator** is an imaginary line around the middle of the Earth and that this area receives the most sunlight.
* I know that the **Tropic** **of** **Cancer** and the **Tropic** **of** **Capricorn** are imaginary lines north and south of the equator and that most rainforests are found between these lines.
* I know that the biggest rainforest in the world is the Amazon rainforest in Brazil. It is found on the continent of South America in the **southern** **hemisphere**.

**1 Human and physical geography** * I know that a rainforest is a dense forest with huge biodiversity of animals and plants.
* I know that a biome is a habitat for animals and plants, e.g a tropical rainforest.
* I know that the climate in tropical rainforests is hot and humid: it rains every day and with mostly convectional rainfall.
* I know that a **vegetation** **belt** isan area of the planet where certain plants grow due to a particular climate.
* I know that the four layers of vegetation in the rainforest are the emergent layer, the canopy, the understorey and the forest floor.

**2 Human and physical geography** * I know that deforestation is the action of clearing wide areas of trees.
* 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 deforestation means there are fewer trees to absorb CO2 from the atmosphere and less rainfall in surrounding areas, making global warming and drought worse.
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| **The UK: countries, cities and regions** | county, town, city, topography, river, mountain region, coastline, climate, relief, geology, soil, farming, industry, natural resources, industry, arable farming, dairy farming, livestock farming, tourism, business, services, economic activity. | **2 Locational knowledge** * I know that the UK is divided into **counties**. I can name and locate some counties.

For example, Herefordshire, Shropshire, Pembrokeshire, Norfolk, Yorkshire, Kent, Cornwall and the Hebrides.* I know that UK counties are made up of towns, villages and **cities**. I can name and locate some **major** **cities**

For example, London, Cardiff, Edinburgh, Liverpool, Manchester, Leeds.* I know some of the main **mountain** regions of the UK and where they are.

For example. Snowdonia in Wales, the Cairngorms in Scotland, the Pennines in England and the Mourne Mountains in Northern Ireland.* I can name and locate some major **rivers** in the UK.

For example, the River Thames, the River Severn, the River Tay, the River Tywi and the River Bann.* I know that different regions of the UK have different topographical features such as mountains, coasts and rivers.

**2 Human and physical geography** * I know that different regions of the UK have different **land** **uses** such as different types of **settlements** and **economic** activity (e.g. farming, industry, business, tourism and services).
* I know that what is grown and reared on farms is influenced by climate, weather, geology, soil, relief and closeness to markets for selling foods.
* I know why some UK city **settlements** grew in the past because of industry (e.g. steel making in Sheffield, coal mining near Cardiff).
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| **Skills** |

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| **Locational Knowledge** | **Geographical Skills and Fieldwork** | **Place Knowledge** | **Human and Physical Geography**  |
| I can locate the world’s **countries**, using maps to focus on **Europe** (Inc. Russia) and begin concentrating on their **environmental** **regions**, key **physical** and **human** characteristics, **countries**, and **major** **cities**. *E.g. Our Neighbours in Europe Autumn A*I can name and locate **counties** and **cities** of the **United** **Kingdom**, geographical regions and their identifying human and physical characteristics, and **land**-**use** **patterns**; and understand how some of these aspects have changed over time *E.g. The UK: Counties, Cities, Regions Summer A*I can identify the position and significance of the **Equator**, **Northern** and **Southern** **Hemisphere**, The **Tropics** of **Cancer** and **Capricorn**.*E.g. Our Neighbours in Europe Autumn A; Rainforests Spring A* | I can use fieldwork to observe and measure the human and physical features using a range of methods, including **sketch** **maps**, **plans** and **graphs** *E.g. Mapping an Earthwork Spring B* | I can use maps, atlases and globes to locate countries and describe features studied. *E.g. Our Neighbours in Europe Autumn A; The UK: Counties, Cities, Regions Summer A; Mapping an Earthwork.**Spring B* | I can begin to use the **eight points** of a compass, up to 4-**figure** grid references, **symbols** and **key** (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world *E.g. Mapping an Earthwork Spring B* | I can understand geographical similarities and differences through the study of human and physical geography, a region in the UK and a European country *E.g. Investigating Settlements Summer B* | I can describe and understand key aspects of: physical geography, including: * Climate zones
* Biomes
* Vegetation belts

I can describe and understand key aspects of: human geography, including: a. Types of settlement and land use b. Economic activity c. Trade links d. The distribution of natural resources including energy, food, minerals and water  |