Geography at Kimbolton St James’ Primary School

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| **UKS2 Knowledge Cycle B** |
| **Topic** | **Vocabulary** | **Locational, Human and Physical Knowledge** |
| **South America** | Similarities, differences, South America, Continent, Countries, Terrain, Elevation, Region, Andes, Mountains, trade  | **1. Locational Knowledge:*** I know the location of **North** and **South** **America** on a map
* I know about the environmental regions, key physical and human characteristics of a region in South America
* I know the names of some **countries** in North and South America
* I know the names of some ‘major’ **cities** in North and South America

**1. Place Knowledge:*** I know the key human and physical **differences** and **similarities** between the UK and a region of **South** **America** and can provide a feasible explanation of these difference (e.g. The differences in population, climate and economy)

 **1. Human and Physical Geography:*** I know that different parts of the world have a different **climate**
* I know the location of different **climates** within South America and can describe the differences
* I know that the **Andes** mountain ranges runs the length of **South** **America**

**2. Human and Physical Geography:*** I know some of the ways in which the Andes are **used** e.g the richest source of minerals. Copper, iron ore, tin, lead, zinc, silver, gold, platinum and emeralds
* I know that humans first **settled** in the Andes more than 10,000 years ago
* I know what the word **trade** means
* I know some of the biggest **exports** from South America
* I know the main **industries** in various South American countries

**2. Geographical Skills and Fieldwork:*** I know how to use maps atlases, globes and digital/computer mapping to locate South Amercia and describe features studied
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| **The Earth, Mountains and Extreme Weather** | Earth, Crust, mantle, outer core, core, volcano, lava, magma, tropical storms, earth quakes, Tectonic Plates, tornado, tsunami mountain, mountain range, climate, terrain  | **3. Locational Knowledge:*** I know about and can identify the position and significance of **longitude** and **latitude**
* I know the location of: The **Equator**; **North** and **South** **hemispheres**; **Arctic** and **Antarctic** **Circle** and The **Prime** **Meridian**
* I know about **time** **zones** (including day and night)

**1. Human and Physical Geography*** I know and can describe key aspects of **Mountains**
	+ I know the definition of a mountain is a **landmass** that has a naturally occurring elevation
	+ 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 where the **major** **mountain** **ranges** in the world are (e.g. Alps, Europe; Himalayas, Asia; Rockies, North America; and Andes, South America).
	+ I know that the **terrain** and **climate** on a mountain changes with **altitude** (e.g. Climate-dependant **vegetation**, Needle leaf trees, Alpine plants rock and ice)
	+ I know that **tourism** can have a positive and negative impact on mountain **environments** (economy vs pollution, traffic, crowding, erosion)
* I know and can describe key aspects of **Volcanoes**
	+ I know about volcanoes and how they are formed - Magma under the Earth’s crust erupt through the centre
* I know and can describe key aspect of **Earthquakes**
	+ I know about earthquakes and what **causes** them – The release of energy (seismic waves) stored in between **tectonic** **plate** when they collide

**2. Geographical Skills and Fieldwork:*** I know how to use maps atlases, globes and digital/computer mapping to locate major mountain ranges across the world and describe features studied
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| **Greece and Europe** | Earth, globe, atlas, map, continent, Europe, country, Greece, boarders, islands, capital city, Athens, climate, Mt Olympus, volcanoes, population, holiday, Mediterranean Sea, European Union, currency, Euro, trade, import, export, financial debt  | **1. Locational Knowledge:** * I know the location of **Europe** on a map
* I know the location of **Greece** within a European map
* I know that Greece **borders** a number of countries
* I know the **Capital** **city** is **Athens**

**1. Place Knowledge:*** I know and understand the geographical **similarities** and **differences** through the study of **human** and **physical** geography of Greece compared to the UK (e.g. The differences in population, climate and economy)

**1. Human and Physical Geography:*** I know that Greece has a warm and sunny **climate**
* I know that Greece is one of the most **mountainous** countries in Europe
* I know the larges mountain in Greece is **Mt** **Olympus**
* I know that there are many **volcanoes** in Greece

**2. Human and Physical Geography:*** I know about 10 million people **populate** Greece
* I know that Greece is made up of 1000’s of **islands**
* I know that Greece is a very popular **holiday** destination
* I know Greece has a large **coastline** on the **Mediterranean** **Sea**
* I know that Greece is part of the **EU** and their **currency** is the **Euro**
* I know that Greece has suffered a number of **financial** **problems** in recent years and have had to be helped by neighbouring countries
* I know that Greece is a large **traders** of fresh produce such as; fish, olive oil, tomatoes and wine

**2. Geographical Skills and Fieldwork:*** I know how to use maps atlases, globes and digital/computer mapping to locate Greece and describe features studied
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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 **North** and **South** America, concentrating on their environmental regions, key physical and human characteristics, countries, and major citiesE.g. South America Autumn BI can name and locate **counties** and **cities** of the **United** **Kingdom**, geographical regions and their key topographical features (Inc. **hills**, **mountains**, **coasts** and **rivers**), and **land**-**use** **patterns**; and understand how some of these aspects have changed over timeI can identify the position and significance of the **Equator**, **Arctic** and **Antarctic** Circle. **Prime**/**Greenwich** **Meridian** and **time** **zones** (including **day** and **night**) identify the position and significance of **latitude**, **longitude**E.g. Earth, Mountains and Extreme Weather Spring B | I can use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including **sketch** **maps**, **plans** and **graphs**, and **digital** **technologies**. | I can use **maps**, **atlases**, **globes** and **digital**/**computer** (google earth/strava) mapping to **locate** countries and describe features studied E.g. South America Autumn B | I can continue to use the **8 points** of the **compass** and extend to **6-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  | I can understand geographical similarities and differences through the study of human and physical geography of a region within **North** or **South** **America** E.g. South America Autumn B | I can describe and understand key aspects of: physical geography, including: * Climate zones
* Rivers
* Mountains
* Volcanoes
* Earthquakes
* Water cycle

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