



## Stocksbridge Junior School Geography

*“Geography explains the past, illuminates the present & prepares us for the future. What could be more important than that?”*

**Michael Palin**

### SJS Geography

**1**

**Locational Knowledge:** The concept of locational knowledge will give pupils a strong sense of belonging by using a zoom in and out approach to study where they live and how this compares to where others live around the world. Pupils will explore how our location on earth can affect things like the climate and seasons we experience. Pupils will be able to make comparisons between locations around the world and will have secure geographical skills to describe the location of different countries, continents, cities, regions, seas and oceans.

**2**

**Place Knowledge:** The concept of place knowledge helps pupils to understand the similarities and differences between areas that are studied all across the world. Within this concept, pupils will explore a range of areas at different scales and will gain an appreciation for the interconnectedness of the world we live in; this concept emphasises that no object of geographical study can be viewed in isolation. Pupils will study the impact of human and environmental change and the importance of sustainability.

**3**

**Human and Physical Geography:** The concept of human and physical geography allows pupils to explore a vast range of human and physical features across the world. Pupils will examine the structure of the world around us- both natural and man-made as well as the physical processes of these features. Pupils will explore the spatial patterns of humans and the nature of human activity over spaces and places and the impact this can have on the environment.

**4**

**Geographical Skills and Fieldwork:** The concept of geographical skills and fieldwork will allow pupils to put their learning in practice. Within this concept, pupils will be able to work like a geographer and connect with the world both within and beyond their school grounds. Pupils will learn how to be proficient map readers, will learn how to navigate routes and will learn how to observe, measure record and present the human and physical features of the local area and beyond.

## End Points in Learning in the Geography Curriculum

### Year 3 End Points

#### **The United Kingdom**

- To be able to explain the difference between the UK and Britain
- To know the difference between a human and physical feature
- To be able to explain famous human and physical features that can be found in countries across the UK
- To know the countries of the UK
- To know the capital cities of the countries of the UK
- To know the seas and oceans that surround the UK
- To be able to explain where they live in the UK
- To know what a region is
- To know the different regions of the UK including the region we live in
- To be able to locate major UK cities on a map of the UK
- To be able to explain human and physical features in cities across the UK
- To explain the pull factors of local area and any potential push factors
- To be able to use an atlas to plan a tour of the UK
- To be able to locate mountain ranges and highest peaks on a map
- To be able to identify and locate the 10 longest rivers in the UK
- To explain which of the longest river is closest to us in Stocksbridge
- To be able to locate rivers in Sheffield
- To explore how human and physical features have changed from the past and how they might change in the future
- To know which industries you can find inside and outside of a city
- To be able to explain why tourists would want to visit the UK- pull factors and push factors
- To be able to locate national parks in the UK
- To know the different types of energy in the UK
- To be able to explain the advantages and disadvantages of different energy sources

#### **Our Local Area**

- To know what human features there are in the local area
- To know how to read 4-figure grid references
- To know how to find the 4-figure grid reference of an area
- To know the 8 points of a compass
- To know what physical features there are in the local area
- To know push and pull factors of the local area

### Year 4 End Points

#### **Climate Zones**

- To be able to explain the difference between weather and climate
- To be able to explain what lines of latitude and longitude are
- To investigate how lines of latitude link to climate
- To understand the importance of Equator and Prime Meridian
- To be able to locate countries and cities using lines of longitude and latitude
- To investigate how the shape of the world affects climate
- To explain how climate can differ in contrasting locations
- To know the 5 climate zones
- To be able to locate climate zones on a map
- To know key features of different climate zones
- To be able to explain the different Earth's divisions
- To be able to explain whether a country is in the Northern or Southern Hemisphere
- To explain how the climate varies between the poles
- To explain how we get seasons
- To explain how countries in the Northern Hemisphere are in an opposite season to those in Southern Hemisphere
- To know what countries and cities can be found in temperate and tropical climates
- To be able to use temperature and precipitation graphs to explain similarities and differences between differing locations
- To collect and present weather data for our local area
- To be able to explain which climate zone is wettest, driest, hottest, coldest
- To compare and contrast weather in climate zones

#### **North America**

- To be able to locate and describe the size of the oceans and continents
- To use lines of latitude and longitude to describe North America's climate
- To explain the difference between North America and South America's climate
- To know what human features are in North America
- To know what physical features are in North America
- To know major countries, cities and capital cities in North America
- To know the difference between a state and a country
- To be able to locate The Rockies

<ul style="list-style-type: none"> <li>• To know the different types of land use in the local area</li> <li>• To know how to create a sketch map</li> <li>• To know common map symbols and to be able to apply this to my own map</li> <li>• To know how the local area has changed over time</li> <li>• To know what the proposed changes are for the local area in the next 10-30 years</li> </ul>	<ul style="list-style-type: none"> <li>• To know the key features of The Rockies</li> <li>• To know the states that The Rockies are located in</li> <li>• To know how people use The Rockies at different times of the year</li> <li>• To know the human and physical Geography of The Rockies</li> <li>• To be able to local Mount St Helens</li> <li>• To know the causes and consequences of the 1980 and 2004 eruption of Mount St Helens</li> <li>• To know the location, climate, human and physical features of a US state</li> <li>• To know what human and physical features there are in New York</li> <li>• To know the similarities and differences between New York and Stocksbridge</li> </ul>
<b>Year 5 End Points</b>	<b>Year 6 End Points</b>
<p><b>Rivers</b></p> <ul style="list-style-type: none"> <li>• To be able to explain what a river is</li> <li>• To know the main features of a river and to be able to label this on a course of a river</li> <li>• To know which rivers are in our local area and region</li> <li>• To be able to identify which rivers are in the UK</li> <li>• To know the world's longest rivers and the lengths of them</li> <li>• To be able to explain the stages of The Water Cycle</li> <li>• To be able to explain the different ways in which people use rivers</li> <li>• To understand and explain why some people need rivers in order to survive</li> <li>• To be able to explain why it is important to protect rivers</li> <li>• To know the three different stages of a river and what happens at each stage and the features found at each stage</li> <li>• To be able to explain how land changes from the source to the mouth of a river</li> <li>• To know the difference between erosion and deposition</li> <li>• To identify where erosion and deposition occur</li> <li>• To explore the advantages and disadvantage of a dam</li> <li>• To be able to explain how humans can change/ contribute to the change of rivers</li> <li>• To be able to explain the causes and consequences of flooding</li> <li>• To know how to prepare and protect yourself before and during a flood</li> <li>• To explore the damage that floods can cause</li> </ul>	<p><b>Mountains</b></p> <ul style="list-style-type: none"> <li>• To be able to explain what a mountain is</li> <li>• To know what a mountain range is</li> <li>• To know what the seven summits are and where they are located</li> <li>• To be able to locate which of the seven summits is closest to Sheffield</li> <li>• To be able to explain how mountains are formed</li> <li>• To be able to explain the typical environment of a mountain</li> <li>• To be able to describe the features of a mountains</li> <li>• To be able to explain the different types of mountains you can get</li> <li>• To know how mountains affect climate</li> <li>• To be able to explain the differences in weather at the bottom and top of a mountain</li> <li>• To be able to explain push and pull factors for living on/ near a mountain</li> <li>• To describe the location of the UKs highest mountains</li> <li>• To be able to explain where the least and most mountainous parts of the UK are</li> <li>• To describe the location of the Himalayas using lines of latitude and longitude</li> <li>• To be able to explain what continent the Himalayas are found on</li> <li>• To know the highest peak in the Himalayas</li> <li>• To be able to explain why the Himalayas are important for Hindus</li> <li>• To know what challenges people face living near the Himalayas</li> <li>• To be able to locate Mount Everest</li> </ul>

- To be able to explain how to prevent floods
- To be able to name and evaluate the effectiveness of the different types of flood defences
- To be able to explain the causes and consequences of the great Sheffield flood
- To know what the term 'water vulnerability' means
- To know different types of water borne diseases and the danger of them
- To understand the significance of the Water Aid charity

### **Rainforests**

- To be able to define what a rainforest is
- To know where the world's rainforests are located
- To describe the climate of the world's rainforest based on their location and the climate zone they are in
- To know the different layers of a rainforest
- To know which plants and animals can be found in each layer of a rainforest
- To know what food, medicine and other resources can be obtained from a rainforest
- To know why the world depends on rainforests
- To know the location of the Amazon Rainforest
- To know the location of South America
- To know the countries in South America
- To know the location of the Amazon Basin
- To know where the source and mouth of the Amazon River are
- To know which countries the Amazon River and tributaries pass through
- To know how far west the Amazon River goes
- To know the different animals and species that can be found in The Amazon
- To be able to explain why the Amazon River is so important
- To know the threats facing The Amazon Rainforest
- To be able to explain why The Amazon needs protecting
- To know what palm oil is and the products palm oil is used in
- To know what deforestation is and why deforestation occurs
- To be able to explain the negative impact of obtaining palm oil unsustainably

- To be able to label key feature on Mount Everest
- To know the dangers of climbing Mount Everest

### **Earthquakes and Volcanoes**

- To be able to name the four layers of the Earth
- To know what tectonic plates are
- To know how volcanoes are formed
- To know the main features of a volcano
- To know what happens at plate boundaries
- To know how earthquakes occur
- To know where volcanoes are usually found
- To know where earthquakes usually occur
- To know how earthquakes are measured
- To know what happens before, during and after an earthquake
- To be able to explain what the Pacific Ring of Fire is and where it is located
- To be able to explain some of the most famous volcanoes in Europe and North America
- To know which volcanoes are closest to Sheffield and when they last erupted
- To know the different types of volcanoes and the features of these volcanoes
- To know what happens when a volcano erupts
- To explain reasons why people would live near a volcano
- To explain reasons why people would not want to live near a volcano
- To be able to locate where famous earthquakes have occurred
- To be able to explain the short-term and long-term effects of an earthquake
- To know the purpose of the organisation Shelter Box
- To know how people can prepare for an earthquake

**At Stocksbridge Junior School, every child is a geographer!**