

Brazil

The study of a non-European country and a comparing it with a UK Settlement with a focus on land use, weather and climate zones. Investigating biomes and vegetation belts within Brazil and specific land use and Industry. Considering the climate crisis in terms of Deforestation in the Amazon Rainforest.

Key Skills Geography Areas of study: Y5 and 6 Key knowledge	Key questions
<p>Geographical Enquiry</p> <p>Year 5</p> <ul style="list-style-type: none"> • Draw on knowledge and understanding to suggest suitable geographical questions for study. • Use a range of geographical skills and evidence to investigate places and themes <p>Year 6</p> <ul style="list-style-type: none"> • Identify relevant geographical questions. • Drawing on their knowledge and understanding they select and use appropriate skills and evidence to help them investigate places and themes. • Reach plausible conclusions and present findings both graphically and in writing 	<p>How important is the Amazon rainforest?</p> <p>Why is the Amazon Rainforest unique?</p> <p>What developments are there in the Amazon Rainforest?</p>
<p>Geographical Skills & Fieldwork</p> <p>Year 5</p> <ul style="list-style-type: none"> • Using a range of maps, atlases, digital online mapping and data retrieval (e.g. google earth) locate countries and capitals from around the world including the northern and southern hemisphere. • Using an Ordnance Survey map 1:25,000; • Classify a range of OS symbols and key • Six figure grid references • Estimate height using contour lines • Understand the eight points of a compass • Calculate straight line distance using a scale line • Use terrestrial, aerial and satellite photographs to identify geographical features • observe and measure (e.g. rainfall, temperature) • Demonstrate an understanding of recording, presenting, interpreting and evaluating data (pie charts, climate graphs) <p><i>Weather maps, climate maps, thematic maps, spot heights, pie charts, climate graphs, north-west etc, scale line, digital online mapping and data retrieval (google earth), OS maps</i></p> <p>Year 6</p> <p>Using a range of maps, atlases, digital online mapping and data retrieval (e.g. google earth) to locate countries and places of interest (e.g. journey of a river, fault lines, ring of fire, forest cover)</p> <ul style="list-style-type: none"> • Using an Ordnance Survey map 1:25,000; • Classify a range of OS symbols and key 	<p>Where is Brazil?</p> <p>Where is Brazil in relation to the UK?</p> <p>Can you use a map to locate Brazil using an ordnance survey map?</p> <p>Can you use a 6 grid reference to locate the main cities and capital city of Brazil?</p> <p>Where is the Amazon Rainforest? Using a satellite photograph, can you identify and locate where it is?</p> <p>What is the climate in different locations in Brazil?</p> <p>How has the climate in Brazil changed over time?</p> <p>Why has this changed?</p>

<ul style="list-style-type: none"> • Six figure grid references • Estimate height and slope using contour lines • Apply the eight points of a compass • Calculate straight line and actual distance using a scale line • Make informed statements using terrestrial, aerial and satellite photographs (deforestation, decline of Great Barrier Reef, Ice caps melting) • observe and measure (e.g. rainfall, temperature) • Demonstrate an understanding of recording, presenting, interpreting and evaluating data (scatter graphs, pie charts, climate graphs) <p><i>Weather maps, climate maps, thematic maps, spot heights, pie charts, climate graphs, north-west etc, scale line, scatter graphs, digital online mapping and data retrieval (google earth), OS maps</i></p>	
<p>Location & Place Knowledge</p> <p>Location:</p> <p>Year 5</p> <ul style="list-style-type: none"> • Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time. • Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) <p>Year 6</p> <ul style="list-style-type: none"> • Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time. • Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) <p>Place:</p> <p>Year 5</p> <ul style="list-style-type: none"> • Understand some of the reasons for geographical similarities and differences between countries • Explain how locations around the world are changing and explain some of the reasons for change • Begin to understand and explain geographical diversity across the world <p>Year 6</p> <ul style="list-style-type: none"> • Explain and discuss a range of reasons for geographical similarities and differences between countries. • Explain how locations around the world are changing and explain some of the reasons for change. 	<p>Location</p> <p>What are the main cities and capital city of Brazil? What geographical differences are there? What mountains and rivers are there in Brazil? Can you locate Brazil in comparison with the equator and Northern and Southern Hemisphere? Can you identify the position of Brazil using latitude and longitude?</p> <p>Place</p> <p>Can you identify the differences and similarities between Brazil and a UK location? Why are there these differences? What changes have occurred over time?</p>

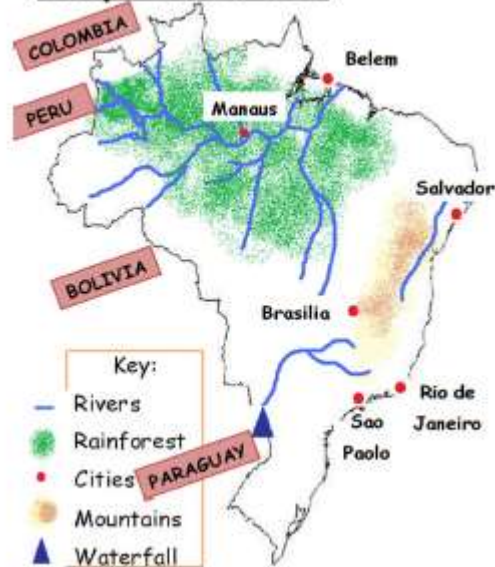
<ul style="list-style-type: none"> Describe geographical diversity across the world. 	
<p>Human and Physical</p> <p>Year 5</p> <ul style="list-style-type: none"> Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water <p>Year 6</p> <ul style="list-style-type: none"> Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water 	<p>What are the types of agricultural land use in Brazil?</p> <p>What are the different types of settlements in Brazil? How are they different?</p> <p>What are the natural resources in Brazil? What is traded?</p>
<p>Sustainability</p> <p>Year 5</p> <ul style="list-style-type: none"> Talk about and give reasons for own and others views about changes to the environment. Talk about and describe how people’s actions can damage and improve the environment. <p>Talk about and describe reasons for global environmental issues</p> <p>Year 6</p> <ul style="list-style-type: none"> Recognise and describe the different views that people may hold when changes are made to the environment. Talk about and describe the ways in which groups try to manage an environment’s sustainability. Describe how decisions made about places and environments can impact on the lives of the people who live there. 	<p>How has the rainforest changed in recent years?</p> <p>What is deforestation?</p> <p>How is the rainforest being destroyed?</p> <p>What long term impact does deforestation have locally and nationally?</p> <p>How can we help?</p> <p>Debate: Increasing farming brings more money to the country, so deforestation is a necessary evil.</p>
<p>Mantle Context:</p> <p>Team: Environmental Journalists</p> <p>Client: Tribal leader</p> <p>Commission :Write environmental newspaper reports</p> <p>A tribal leader from the Amazon area of Brazil has contacted the team – the whole village have been devastated by changes that have happened to the environment around their tribal village. They want the world to know about the terrible effect that deforestation and farming is causing to the rainforest environment. She needs young people to have a good understanding of the problems that are happening to biomes, habitats and ecosystems in the Amazon basin and how they can be stopped. The team have been approached to visit the area, find out for themselves what is happening and report on their findings in environmental newspapers.</p>	

Key Vocabulary:

Highlands, River basin, Rainforest, Equatorial, Deforestation, Habitat, Extinct, Vegetation, Logging, Loggers, Species, Tribespeople, Destruction, Indigenous, Urbanisation, Migration, Flooding, Biodiversity, Carbon Dioxide, Climate, Biomes, Tropics of Cancer and Capricorn, Equator, Hemisphere, Prime Meridian, Longitude and Latitude.

See Brazil Mind map

Map of Brazil



Causes of Deforestation	
1	To clear space for farming: growing crops (e.g. soya beans & palm oil) and space cattle to generate cheap beef.
2	Chopping down trees for wood.
3	To build roads to mine for metals, gold & diamonds.
4	To dig for oil.
5	To flood areas to make dams & generate electricity.

Impact of Deforestation	
1	An area the size of 20 football pitches is destroyed every 60 seconds.
2	1/3 of the tropical rainforests we had are gone.
3	28,000 species of animals are expected to become extinct in the next 25 years.
4	Local people's homes are destroyed.
5	Levels of carbon dioxide in the air are increasing and oxygen is decreasing.

Key Information about Brazil

Continent	South America	Capital city	Brasilia
Surrounding waters	Atlantic ocean Amazon river	Main language	Portuguese
Religions followed in Brazil	Christianity, Judaism and Islam.	Population	209.3 million people (2017)
Currency	Brazilian real (BRL)	Other major cities	Sao Paolo, Rio de Janeiro, Porto Alegre, Manaus
		Famous for...	The Amazon jungle, Carnival and 2016 Olympics

AMAZON RAINFOREST

Located in South America, it is mostly contained in Brazil, Peru, Ecuador and Colombia. It is the Largest rainforest in the world.



