

Year 3	Term: Spring 1	Unit Title : Rivers
<b>NC Objectives</b>		<b>Key Knowledge, Questions, Vocabulary and Resources:</b>
<ul style="list-style-type: none"> <li>▪ Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</li> <li>▪ Name and locate geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers) and land-use patterns; and understand how some of these aspects have changed over time</li> <li>▪ Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle 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</li> </ul>		<p><b>Questions:</b></p> <ul style="list-style-type: none"> <li>Where does river water come from?</li> <li>How does the water cycle work?</li> <li>Where are the world's longest rivers?</li> <li>Why are settlements often near rivers?</li> <li>Why do people need rivers to survive?</li> <li>How do people use rivers for fun?</li> <li>Why is it important to protect rivers?</li> <li>Where do these rivers start and end?</li> <li>Where do rivers run most quickly?</li> <li>What shapes does a river make as it travels?</li> <li>What harm can people do to rivers?</li> <li>What causes river pollution?</li> </ul> <p><b>Knowledge:</b></p> <p><b>Human and Physical Geography</b></p> <ul style="list-style-type: none"> <li>- Describe the water cycle and its stages</li> <li>- Explain what a river is</li> <li>- Describe how rivers are used around the world</li> <li>- Identify the stages and features of a river</li> <li>- Describe the way that land use changes from the source to the mouth</li> <li>- Recognise and explain how human activity affects rivers</li> <li>- Recognise and explain how flooding affects communities</li> <li>- Describe flood defence systems</li> <li>- Identify key characteristics of one of the world's longest rivers</li> </ul> <p><b>Geographical Skills and Fieldwork</b></p> <ul style="list-style-type: none"> <li>- Locate the world's longest rivers on a world map</li> </ul> <p><b>Sustainability Link</b></p> <ul style="list-style-type: none"> <li>- Identify causes and environmental impact of river pollution (<i>See The Rivers Trust/Thames Festival Trust</i>)</li> </ul> <p><b>KEY VOCABULARY</b></p> <p>water cycle, evaporation, precipitation, condensation, overland flow, mouth, channel, hydro-electric power, crops, transporting, recreational, source, meander, tributary, v-shaped valley, waterfall, ox-bow lake, dam, irrigation, floodplain, Thames Barrier, embankment, sandbag, continent, country, world river</p> <p><b>CAREER LINKS</b></p> <p>cartographer, flood modeller, emergency planner, sustainability consultant, conservation officer, waterway operative, engineer</p>
<b>Linked Texts:</b>		<p><b>Topic specific additional resources, including people and places:</b></p> <ul style="list-style-type: none"> <li>▪ World maps, Oddizzi online resources</li> </ul>

**See Geography 2022-23 – Oddizzi  
– Y3 - Rivers**

Year 3	Term: Summer	Unit Title: Rainforests and the Amazon
<b>NC Objectives</b>		<b>Key Knowledge, Questions, Vocabulary and Resources:</b>
<ul style="list-style-type: none"> <li>▪ Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts.</li> <li>▪ Identify the position and significance of lines of latitude, the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn.</li> <li>▪ 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</li> <li>▪ Understand geographical similarities and differences through the study of the human and physical geography of a region of the UK and a region within South America.</li> </ul>	<p><b>Questions:</b></p> <ul style="list-style-type: none"> <li>▪ Can we find the Tropic of Capricorn on the globe?</li> <li>▪ Can we find the Equator?</li> <li>▪ Can we find where the Equator crosses South America?</li> <li>▪ Why are most big South American cities near the coast?</li> <li>▪ What makes a forest a rainforest?</li> <li>▪ Are all rainforests near the Equator?</li> <li>▪ What are the different layers of life in a rainforest?</li> <li>▪ What sort of plants grow in each layer?</li> <li>▪ What sort of animals live in each layer?</li> <li>▪ What do we mean by ‘a rainforest biome’?</li> <li>▪ What sorts of food come from the rainforest?</li> <li>▪ What would it be like to live in a rainforest?</li> </ul>	<ul style="list-style-type: none"> <li>▪ What is it like in the different parts of a rainforest?</li> <li>▪ Where is the Congo Rainforest? What else shares a name with the Congo?</li> <li>▪ What plants, animals and people live in the Congo Rainforest? How is the Congo changing?</li> <li>▪ What is deforestation?</li> <li>▪ Why does deforestation matter to the rainforests?</li> <li>▪ How is deforestation affecting the planet?</li> <li>▪ How big is the Amazon Rainforest?</li> <li>▪ What plants and animals would you find in the Amazon Rainforest?</li> <li>▪ Why is the Amazon Rainforest sometimes called ‘the lungs of the world’?</li> </ul>
	<p><b>Knowledge:</b></p>	
	<p><b>Location Knowledge</b></p> <ul style="list-style-type: none"> <li>- Describe and define what a rainforest is</li> </ul> <p><b>Geographical Skills and Fieldwork</b></p> <ul style="list-style-type: none"> <li>- Locate the world’s rainforests on a world map – identify the pattern</li> <li>- Locate the Amazon river and rainforest on maps, globes and atlases (in relation to Equator, S.America and the Tropic of Capricorn)</li> </ul> <p><b>Place Knowledge</b></p> <ul style="list-style-type: none"> <li>- Describe some of the main features of Manaus (climate, location to river)</li> <li>- Locate Manaus on a map, atlas and globe</li> <li>- Explore travel and trade in Manaus</li> <li>- Compare city of Manaus with London</li> </ul> <p><b>Human and Physical Geography</b></p> <ul style="list-style-type: none"> <li>- Recognise the different layers of life in a rainforest (definitions, images and descriptions of the animals that live there)</li> <li>- Describe the features of a rainforest biome</li> <li>- Understand how important rainforests are for food and medicine around the world</li> <li>- Describe the key characteristics of the Congo</li> <li>- Explore temperature and precipitation levels of each climate zone (read and complete data)</li> </ul>	

**See Geography 2022-23 – Oddizzi – Y3 – Rainforests and The Amazon**

- Explore the importance of the Amazon rainforest
- Trace the course of the Amazon river
- Identify countries and tributaries that the river passes through
- Consider what is to the N, S, E, W of the river
- Recap: main feature of a river
- Recreate the route of the Amazon river and its main tributaries
- Identify animal species found in the Amazon
- Explain why the Amazon river is so important
- Explore how the Amazon river is used by people
- Explore biodiversity

### Sustainability Link

- Deforestation
- Understand some of the ways in which the Amazon is under threat and why that is important

### KEY VOCABULARY

rainforest, Equator, Congo, continent, Amazon, forest floor, understory, emergent, canopy, logging, tribe, biome, okapi, Aka people, nomadic, hunter-gatherer, deforestation, indigenous, ecosystem, farming, oxygen, carbon dioxide, biodiversity, fertile, Manaus, Amazon Basin, Bolivia, Brazil, Ecuador, equatorial, Peru, tributary, Tropic of Capricorn, Venezuela, access, food chain, humidity, river basin, charity, poverty, capital, settlement, state, trade, urban

### CAREER LINKS

cartographer, sustainability consultant, conservation officer, zoological curator, farmer, fisherman, charity worker

#### Linked Texts:

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#### Topic specific additional resources, including people and places:

- World maps, atlases, globes, Oddizzi online resources