Autumn 2	Spring 2	Summer 2
Wonderful Water *A study of water and the water cycle*	**Travel to Texas** *A comparison of a region in North America (Texas) and the United Kingdom (London)*	**Beautiful Biomes** *An exploration of biomes and their key characteristics*
Links to prior learning: Y1 – Wonderful UK Weather, Y3 – Explore Iceland	**Links to prior learning:** Y4 Wonderful Water, Y3 Exploring the North West, Y1 and Y2 locating the River Irwell.	**Links to prior learning:** Y2 Karibu Kenya, Y2 Alaskan Adventure, Y3 Exploring the North West, Y3 Explore Iceland, Y4 Travel to Texas.
Lesson 1 - To locate the world's largest bodies of water. **Geographical Skills** Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. **Locational Knowledge** Describe and understand key aspects of human geography: the distribution of natural resources: water. Locate and order the largest bodies of water including oceans and seas. Also locate major lakes around the world and their location. Show children google maps (digital mapping) to show bodies of water. **Discuss prior learning:** Y2, Y3 locating the world's oceans.	**Lesson 1 - To identify the main towns, boroughs and cities in Texas and London.** **Geographical Skills** Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. **Locational Knowledge** Locate the countries in North America using maps focusing on its major cities. Discuss the difference between towns cities, counties, boroughs and states. **Discuss prior learning:** Y2, Y3, Y4 oceans and continents, Y3 Exploring the North West counties.	**Lesson 1 - To use maps to locate the world's countries and the six major biomes.** **Geographical Skills** Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. Use some digital/ computer maps and describe the location of these biomes using the 8 compass points. **Locate:** tundra, aquatic, desert, rainforest, grasslands, forest. Identify countries, continents and their different biomes. Briefly discuss the differences between each biome. **Discuss prior learning:** Y3 Exploring the North West - the 8 compass points. Y2 exploring the climates in contrasting places (UK/Kenya/Alaska), Y2 and Y3 exploring physical features of different regions and countries.
Lesson 2 - To differentiate between different forms of water. **Physical Geography** Describe and understand key aspects of physical geography. Reservoir, river, lake, sea, ocean, loch	**Lesson 2 - To compare the River Thames and the Rio Grande.** **Physical Geography** Describe and understand key aspects of physical geography: rivers Compare the River Thames in London and Rio Grande in Texas.	**Lesson 2 – To explore the physical features of a tundra.** **Physical Geography** Describe and understand key aspects of physical geography: biomes. Discuss the physical features of a tundra and the living things that are found there (flora and fauna).

Autumn 2	Spring 2	Summer 2
Wonderful Water A study of water and the water cycle	**Travel to Texas** A comparison of a region in North America (Texas) and the United Kingdom (London)	**Beautiful Biomes** An exploration of biomes and their key characteristics
<u>Discuss prior learning:</u> 5 oceans, Y3 Explore Iceland (fjord- long narrow sea between cliffs.). Y1 Wonderful UK Weather (children have identified the Irish Sea, English Channel and North Sea).	<u>Discuss Prior Learning:</u> Y4 Wonderful Water (different bodies of water), Y2 Alaskan Adventure – Compared Eagle River and River Irwell, Y1 and Y2- Identified where the River Irwell is on a map. I know it is the closest river to where I live.	<u>Discuss Prior Learning:</u> Y2, Y3, Y4 exploring physical features of different regions and countries including plants, animals, climate, mountains and rivers.
Lesson 3 - To identify different parts of the water cycle through an understanding of changing state. <u>**Physical Geography**</u> Describe and understand key aspects of physical geography: water cycle. <u>Discuss prior learning</u>: Y1 Wonderful Weather - flooding, rain, snow	**Lesson 3 - To compare climate zones in London and Texas.** <u>**Physical Geography**</u> Describe and understand key aspects of physical geography: climate zones. <u>Discuss prior learning</u>: Y2 – Comparing weather patterns and climates (Anchorage and Bury; Isle of Wight and Hawaii; Nairobi and Greater Manchester).	**Lesson 3 - To identify and compare the physical features of forests and rainforests.** <u>**Physical Geography**</u> Describe and understand key aspects of physical geography. Discuss the physical features of forests and rainforests the living things that are found there (flora and fauna).
Lesson 4 - To observe the changing states involved in the water cycle. <u>**Geographical Fieldwork**</u> Use fieldwork to observe physical features. Sealed bag experiment.	**Lesson 4- To explore the distribution of natural resources in Texas.** <u>**Physical Geography**</u> Describe and understand key aspects of physical geography: distribution of resources, energy, food, water and minerals. The distribution of natural resources: water, energy, food, minerals. Texas is highest producer of oil in the US. **Discuss** simple link between this and prior learning from natural resource distribution in Iceland. <u>Discuss prior learning</u>: Y3 Explore Iceland (explored what natural resources are and compared how they are distributed in Capital region (Iceland) and Lancashire).	**Lesson 4 - To explore the physical features of the grassland biomes.** <u>**Physical Geography**</u> Describe and understand key aspects of physical geography Discuss the features of the Savanna as a type of grassland and the living things that are found there (flora and fauna). <u>Discuss prior learning</u>: Y2 Karibu Kenya – animals and plants that are found in the grasslands and Savanna of Nairobi.
Lesson 5- To observe, measure and record rainfall using graphs. <u>**Geographical Fieldwork**</u> Observe, measure, record and present physical features in the local area using graphs.	**Lesson 5 - To compare settlement and land use in London and Texas.** <u>**Human Geography**</u> Describe and understand key aspects of human geography: types of settlement.	**Lesson 5 - To explore the physical features of aquatic biomes.** <u>**Physical Geography**</u> Describe and understand key aspects of physical geography including: climate zones [and] biomes.

Autumn 2	Spring 2	Summer 2
Wonderful Water A study of water and the water cycle	**Travel to Texas** A comparison of a region in North America (Texas) and the United Kingdom (London)	**Beautiful Biomes** An exploration of biomes and their key characteristics
Experiment to collect water and measure and record on graphs.	<u>**Discuss prior learning:**</u> types of settlements in England (Exploring the North West Y3).	Explore the different types of aquatic biomes and the living things found there (flora and fauna).
Lesson 6 - To explore the consequences of global warming on water distribution. <u>**Physical Geography**</u> Describe and understand key aspects of human geography: the distribution of natural resources: water	**Lesson 6 – To compare the economic activity in London and Texas.** <u>**Human Geography**</u> Describe and understand key aspects of human geography: economic activity. Texas main industries: petroleum and natural gas, agriculture, steel, banking and tourism. Greater Manchester main industries: digital and creative, financial, legal and business services, tourism and media.	**Lesson 6 - To explore the significance of the Eden Project.** <u>**Physical Geography**</u> Describe and understand key aspects of human geography: biomes. <u>**Discuss prior learning**</u>: Y3/Y4 use compass points to identify where the Eden Project is on a map.
Use geographical sources, e.g. books, pictures, atlases, globes, digital mapping, statistics, trips and visitors and the internet		
<u>Vocabulary</u> condensation, transpiration, loch, reservoir, global warming, climate change, evaporation, precipitation, fjord	<u>Vocabulary</u> distribution, globalization, rural, urban, sustainable	<u>Vocabulary</u> flora, fauna, coniferous, deciduous, tundra, aquatic, desert, rainforest, grassland, forest