Key stage 2 Curriculum Links: **<u>Science</u>**	Teaching sessions												Self-guided activities											
	Animal Handling Session	Rainforest Fun Session	Rainforest Fun with Live Animals	Growth Session	Glasshouse Tours	Land Minibeast Explorers Session	Pond & Land Minibeast Explorers	KS2 Rainforest Challenge	Tree-mendous Trees!	Natural Art	Musical Rainstorm Session	Food Chains	KS2 Poetry Trail	Investigating Plants & Environments	Investigating Map Skills Pack	Rainforest Food and Drink Sheet	Rainforest Plant Product Sheet	Rainforest Medicine Sheet	Growth Pack	Botany Pack	Rainforest Adaptations Sheet	History (Egyptians, Victorians, Tudors)	Art Activities	KS2 Maths Trail
Working scientifically (all years)	●	●	●	●	●	●	●	●	●			●		●		●	●	●	●	●	●			
Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. (Y3)		●	●	●	●			●	●	●						●	●	●	●	●	●			
Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, room to grow) and how they vary from plant to plant. (Y3)				●	●			●	●					●		●	●	●	●	●	●			
Investigate the way in which water is transported within plants. (Y3)				●	●			●	●							●	●	●	●	●	●			
Explore the role of flowers in the life cycle of flowering plants, including pollination, seed formation and see dispersal. (Y3)				●	●			●	●	●									●	●				
Identify that animals need the right nutrition and that they cannot make their own food. (Y3)	●		●			●	●					●				●	●							

Identify that some animals have skeletons and muscles for support, protection and movement. (Y3)	●		●			●	●					●												
Recognise that living things can be grouped in a variety of ways. (Y4)	●	●	●	●	●	●	●	●	●					●					●	●				
Explore and use classification keys to help group and name a variety of living things in their local and wider environment. (Y4)						●	●																	
Recognise that environments can change and that this can pose dangers to living things. (Y4)	●	●	●		●	●	●	●				●		●							●			
Construct and interpret a variety of food chains, identifying producers, predators and prey. (Y4)	●	●	●			●	●					●												
Identify how sounds are made, associating them with something vibrating, with the sounds vibrating through a medium to the ear. (Y4)		●									●													
Find patterns between the pitch of a sound and features of the object that produced it. (Y4)		●									●													
Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. (Y5)	●		●			●	●																	
Describe the life processes of reproduction in some plants and animals. (Y5)	●		●			●	●		●										●	●	●			
Classify living things into broad groups according to common observable characteristics and based on similarities and differences. (Y6)	●	●	●	●	●	●	●	●	●			●		●					●	●				
Identify how animals and plants are adapted to suit their environment in different ways and that adaptation can lead to evolution. (Y6)	●	●	●	●	●	●	●	●				●		●					●	●	●			

Key stage 2 Curriculum Links: **<u>Geography</u>**	Teaching sessions												Self-guided activities											
	Animal Handling Session	Rainforest Fun Session	Rainforest Fun with Live Animals	Growth Session	Glasshouse Tours	Land Minibeast Explorers Session	Pond & Land Minibeast Explorers	KS2 Rainforest Challenge	Tree-mendous Trees!	Natural Art	Musical Rainstorm Session	Food Chains	KS2 Poetry Trail	Investigating Plants & Environments	Investigating Map Skills Pack	Rainforest Food and Drink Sheet	Rainforest Plant Product Sheet	Rainforest Medicine Sheet	Growth Pack	Botany Pack	Rainforest Adaptations Sheet	History (Egyptians, Victorians, Tudors)	Art Activities	KS2 Maths Trail
Using maps to locate the world's countries, concentrating on their environmental regions, key physical and human characteristics.	●	●	●		●			●						●	●							●		
Identify the position and significance of latitude, longitude, Equator, Northern and Southern Hemispheres, the Tropics of Cancer and Capricorn.		●	●		●			●						●	●						●			
Understand geographical similarities and differences through the study of human and physical geography of a region of the UK, a region in a European country and a region within North or South America.		●	●		●	●	●	●	●			●		●	●				●	●	●	●		
Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers.	●	●	●	●	●	●	●	●	●					●	●				●	●	●	●		

Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity and trade links, and the distribution of natural resources.		●	●		●			●			●			●	●	●	●	●				●		
Use maps and globes to locate countries and describe features studied.		●	●		●			●						●	●							●		
Use the 8 points of a compass, grid references, symbols and keys to build their knowledge of the UK and the wider world.															●									●
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.						●	●		●			●		●	●	●	●	●	●	●	●	●		

Key stage 2 Curriculum Links: **<u>English</u>**	Teaching sessions												Self-guided activities											
	Animal Handling Session	Rainforest Fun Session	Rainforest Fun with Live Animals	Growth Session	Glasshouse Tours	Land Minibeast Explorers Session	Pond & Land Minibeast Explorers	KS2 Rainforest Challenge	Tree-mendous Trees!	Natural Art	Musical Rainstorm Session	Food Chains	KS2 Poetry Trail	Investigating Plants & Environments	Investigating Map Skills Pack	Rainforest Food and Drink Sheet	Rainforest Plant Product Sheet	Rainforest Medicine Sheet	Growth Pack	Botany Pack	Rainforest Adaptations Sheet	History (Egyptians, Victorians, Tudors)	Art Activities	KS2 Maths Trail
Spoken language: Listening and responding appropriately to their adults and peers; asking relevant questions to extend their understanding and knowledge; developing understanding through speculating, hypothesizing, imagining and exploring ideas.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Giving well-structured descriptions and explanations.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Use of role play to explore ideas and concepts.				●					●			●												
Reading and writing poetry; recognising some different forms of poetry; understanding poetic techniques such as rhyme and similes.													●											
Reading and accurately copying plant names and information from labels (technical vocabulary).				●		●			●	●				●		●	●	●	●	●	●	●		

Key stage 2 Curriculum Links: **<u>Mathematics</u>**	Teaching sessions												Self-guided activities											
	Animal Handling Session	Rainforest Fun Session	Rainforest Fun with Live Animals	Growth Session	Glasshouse Tours	Land Minibeast Explorers Session	Pond & Land Minibeast Explorers	KS2 Rainforest Challenge	Tree-mendous Trees!	Natural Art	Musical Rainstorm Session	Food Chains	KS2 Poetry Trail	Investigating Plants & Environments	Investigating Map Skills Pack	Rainforest Food and Drink Sheet	Rainforest Plant Product Sheet	Rainforest Medicine Sheet	Growth Pack	Botany Pack	Rainforest Adaptations Sheet	History (Egyptians, Victorians, Tudors)	Art Activities	KS2 Maths Trail
Solve number puzzles and practical problems, including money, using all four operations.									●															●
Answer problems involving dates (e.g. those requiring knowledge of how many days in a month).																								●
Recognise, name, compare and classify 2D and 3D shapes in different orientations.																								●
Identify types of angles and estimate their size.																								●
Interpret data from charts to answer questions.																								●
Read measurements from scales (e.g. temperature, humidity, rainfall).														●		●					●			●
Use standard and non-standard units of measurement; use a range of measuring equipment.									●					●		●					●			●

Key stage 2 Curriculum Links	Teaching sessions												Self-guided activities											
	Animal Handling Session	Rainforest Fun Session	Rainforest Fun with Live Animals	Growth Session	Glasshouse Tours	Land Minibeast Explorers Session	Pond & Land Minibeast Explorers	KS2 Rainforest Challenge	Tree-mendous Trees!	Natural Art	Musical Rainstorm Session	Food Chains	KS2 Poetry Trail	Investigating Plants & Environments	Investigating Map Skills Pack	Rainforest Food and Drink Sheet	Rainforest Plant Product Sheet	Rainforest Medicine Sheet	Growth Pack	Botany Pack	Rainforest Adaptations Sheet	History (Egyptians, Victorians, Tudors)	Art Activities	KS2 Maths Trail
History																								
Understand how our knowledge of the past is constructed from a range of sources.																						•		
Study how several aspects of national history are reflected in this locality.																						•		
Study a site dating from a period beyond 1066 that is significant in the locality.																						•		
Study an aspect of British history that extends pupils' chronological knowledge beyond 1066.																						•		
Study Ancient Egypt as an example of an early civilization.																						•		
Physical Education																								
Take part in outdoor and adventurous activities.								•	•						•									•

Key stage 2 Curriculum Links	Teaching sessions												Self-guided activities											
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Art & Design																								
Observational sketches.						●	●							●					●	●	●	●	●	
Master a range of art and design techniques with a range of materials.										●													●	
Design and technology (cooking and nutrition)																								
Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.		●	●		●			●						●		●	●					●		
Music																								
Play and perform in solo and ensemble contexts, using their voices and playing musical instruments.		●									●													
Improvise and compose music for a range of purposes.		●									●													