

Domain: Rainforests		Year: 6
Domain overview		
<p>During the Rainforests domain, pupils will locate and label the main South and Central American countries. They will identify and describe important geographical features such as: Panama Canal, Amazon River, Amazon rainforest, Andes mountains, Patagonia, Galapagos Islands. They will show understanding of Indigenous peoples: Maya (Mexico, Guatemala), Quechua (Peru, Ecuador, Bolivia) and the features of the Amazon Rainforest including the biodiversity of animals. Through their science work, pupils will learn about the life cycle of a flowering plant, research the function of each plant part, understand the process of pollination and research how and why seeds disperse. Pupils will investigate the conditions needed for germination and those needed to keep plants healthy. Pupils will learn to construct and interpret a variety of food chains, identifying producers, predators and prey, use classification keys, a magnifying glass, a digital microscope and use a measuring cylinder to measure volume accurately.</p>		
Key Vocabulary		
<p>Rainforest, layers, sustainable, sustainability, emergent layer, canopy, understory, forest floor, Amazon, equator, Climate Change, Fairtrade, life cycle, sepal, petal, stamen (anther), stigma/style, pollination, seed dispersal, germination, chlorophyll, carbon dioxide, photosynthesis, omnivores, herbivores, carnivores, producer, consumer</p>		
Further reading list		
<i>(Reading these commercial texts would support and enhance learning in the Rainforest domain.)</i>		
<ul style="list-style-type: none"> • Where the Forest Meets the Sea – Jeannie Baker • The Great Kapok Tree - Lynne Cherry • The Explorer - Katherine Rundell • The Shaman's Apprentice - Lynne Cherry & Mark Plotkin • Rainforests in 30 Seconds - Jen Green & Stephanie Murphy 		
Independent Learning Project		
<i>Pupils are asked to complete at least one independent learning project at home during the domain. Some suggestions are below.</i>		
Create a global map showing the location of different rainforests. Add labels of named rainforests.	Create a climate graph of the average rainfall and temperature in a rainforest for every month in a year.	Create a poster campaign to encourage people to stop destroying the rainforest
Create a montage showing rainforest destruction.	Research one rainforest animal. Annotate a photo or illustration to describe and explain how its adaptations help it survive in the rainforest	Research the 4 different layers of the rainforest. Draw a diagram with labels and pictures showing each layer
Write a poem about rainforests or plants.	Andy Goldsworthy creates Art in natural environments. Research his art and create a piece of your own.	Create a miniature garden. You can use any materials in your project. Please keep your garden small enough to display in the classroom!