

# Home-School Learning Collaboration – Geography



<b>Topics in this cycle:</b> Ecosystems: Tropical Rainforests	<b>Taught:</b> Spring 1	<b>Year Group:</b> 7
<b>Key knowledge/concepts to be learnt ('Tell me about....')</b>		<b>Websites/blogs/YouTube links and further reading to deepen and consolidate learning</b>
<p><b>What are the main features of an ecosystem?</b>                      Ecosystems are a community of plants and animals living in an environment. The different parts of an ecosystem are interconnected.</p> <p><b>What are the main features of a tropical rainforest?</b>                      Rainforests are found on and around the equator. The climate has ideal growing conditions for plants – it is hot and wet. There are high levels of biodiversity in the rainforest.</p> <p><b>What are the opportunities for people in the rainforest?</b>                      The rainforest is used for many different activities such as cattle ranching, logging and farming. Deforestation is happening across large parts of the Amazon rainforest.</p> <p><b>What are the challenges for people in the rainforest?</b>                      Lots of activities in the rainforests damage the environment and can have both local and global impacts. Many activities have led to conflict.</p> <p><b>Why is the rainforest important?</b>                      The rainforest is an important global climate regulator and a source of many medicinal drugs.</p>		<p><a href="#">Global biomes - KS3 Geography - BBC Bitesize</a></p> <p><a href="#">Tropical rainforests guide for KS3 geography students - BBC Bitesize</a></p> <p><a href="#">Deforestation Facts for Kids (theworldcounts.com)</a></p> <p><a href="#">What Is Deforestation For Kids: Information And Facts (activewild.com)</a></p> <p><a href="#">Deforestation   Causes, Effects &amp; Solutions   Video for Kids - YouTube</a></p> <p><a href="#">What If All Trees Were Cut Down?   Earth Without Trees   The Dr Binocs Show   Peekaboo Kidz - YouTube</a></p> <p><a href="#">Rainforests   Geography - Ecosystems and Biomes - YouTube</a></p> <p><a href="#">Virtual Field Trip - Amazon Rainforest - YouTube</a></p>

# Home-School Learning Collaboration – Geography

Key Vocabulary and Definitions To Be Learnt		What Will The Assessment Look Like?
<b>Ecosystem</b>	A community of plants and animals living together	<p>Extended piece of writing based upon evaluating the impacts of deforestation in the Amazon rainforest.</p> <p>Key Knowledge quizzes on <b>satchel:one</b> homework platform</p> <p>Short answer questions in lessons.</p>
<b>Interdependence</b>	When a group of things depend on each other	
<b>Nutrients</b>	Substances needed for growth	
<b>Producers</b>	Produce their own food	
<b>Consumers</b>	Animals that eat plants or other animals	
<b>Decomposers</b>	Organisms that break down dead material	Family Learning Opportunities
<b>Food webs</b>	Shows how interconnected organisms are in an ecosystem	<p>Have a look in your fridge or cupboards and make a list of all of the items that contain palm oil which comes from palm trees planted in the rainforest after all the original trees are cleared.</p> <p>Visit the Botanical Gardens in Edgbaston - <a href="https://www.birmingham.gov.uk/info/20000/20000_birmingham_botanical_gardens_and_glasshouses/10000/birmingham_botanical_gardens_and_glasshouses">Birmingham Botanical Gardens And Glasshouses, UK</a></p> <p>Make a diorama of a rainforest to show the different features of each layer, including the types of plants and animals you'd find there. Feel free to use any medium you like; 3D objects, pencils, pens, collage, modelling clay, paint, pastels... whatever you have available.</p>
<b>Food chain</b>	Shows how each living thing gets food	
<b>Biome</b>	An ecosystem on a global scale	
<b>Tropical Rainforest</b>	A hot, humid and dense forest usually found around the equator.	
<b>Biodiversity</b>	Number and variety of plants and animals in an area	
<b>Emergent</b>	The tallest trees in the rainforest	
<b>Canopy</b>	The layer of overlapping branches and leaves where most of the life in a rainforest can be found	
<b>Buttress roots</b>	The wide roots that help to keep the tall trees standing.	
<b>Deforestation</b>	The large scale removal of trees.	

Home-School Learning Collaboration – Geography

