







Leamington Primary Geography Knowledge Organiser – Year 5 – Amazon Rainforest



What I should already know	What I will learn	Important words to help me. (vocabulary)	Skills and Fieldwork																																
<p>A rainforest is located in a warm country.</p> <p>There isn't a rainforest in the UK.</p> <p>There are different types of forests.</p> <p>Lots of trees are being chopped down.</p>	<p>Different types of forests: Rainforest: This is the rarest type of forest in the world. A luxuriant, dense forest rich in biodiversity, found typically in tropical areas with consistently heavy rainfall. There are other types of forests; Temperate Forest, Boreal Forests and Coniferous Forest.</p> <p>Locating rainforests: Rainforests are located all over the world, but always near the equator, as tropical temperatures are needed. Most tropical rainforests fall between the Tropic of Cancer and the Tropic of Capricorn. Nearly two-thirds of the Amazon rainforest is found in Brazil.</p>	<table border="1"> <tr> <td>Amazon rainforest</td> <td>Is a moist broadleaf rainforest that covers most of the Amazon Basin of South America.</td> </tr> <tr> <td>Amazon river</td> <td>Is the largest river by discharge volume of water in the world.</td> </tr> <tr> <td>Biome</td> <td>Large natural occurring community occupying a major habitat.</td> </tr> <tr> <td>Canopy layer</td> <td>It is the busiest layer of them all. 90% of species that live in the Amazon, live here.</td> </tr> <tr> <td>Climate</td> <td>Weather recorded over a long period of time.</td> </tr> <tr> <td>Coniferous Forest</td> <td>Cone-bearing evergreen trees found in areas that have long winters and high precipitation.</td> </tr> <tr> <td>Deciduous (temperate)</td> <td>Broad-leaf forest that have a variety of temperate forest dominated by trees that lose their leaves each year.</td> </tr> <tr> <td>Deforestation</td> <td>The action of clearing a wide area of trees.</td> </tr> <tr> <td>Emergent layer</td> <td>Is the name given to the tops of trees that poke up above the rainforest canopy.</td> </tr> <tr> <td>Erosion</td> <td>the process of eroding or being eroded by wind, water, or other natural agents.</td> </tr> <tr> <td>Forest floor</td> <td>The ground beneath the trees of a forest, consisting of roots, soil, and decomposing organic matter.</td> </tr> <tr> <td>Humid</td> <td>A warm, dull environment.</td> </tr> <tr> <td>Tropical rainforest</td> <td>A forest with high rate of precipitation and high humidity, usually located near the equator.</td> </tr> <tr> <td>Vegetation</td> <td>Plants in a particular habitat.</td> </tr> <tr> <td>Weather</td> <td>the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain</td> </tr> <tr> <td>Understory layer</td> <td>The understory layer is a tangle of shrubs, young trees, saplings, palms and vines. It is hot and damp here and the air is very still</td> </tr> </table>	Amazon rainforest	Is a moist broadleaf rainforest that covers most of the Amazon Basin of South America.	Amazon river	Is the largest river by discharge volume of water in the world.	Biome	Large natural occurring community occupying a major habitat.	Canopy layer	It is the busiest layer of them all. 90% of species that live in the Amazon, live here.	Climate	Weather recorded over a long period of time.	Coniferous Forest	Cone-bearing evergreen trees found in areas that have long winters and high precipitation.	Deciduous (temperate)	Broad-leaf forest that have a variety of temperate forest dominated by trees that lose their leaves each year.	Deforestation	The action of clearing a wide area of trees.	Emergent layer	Is the name given to the tops of trees that poke up above the rainforest canopy .	Erosion	the process of eroding or being eroded by wind, water, or other natural agents.	Forest floor	The ground beneath the trees of a forest, consisting of roots, soil, and decomposing organic matter.	Humid	A warm, dull environment.	Tropical rainforest	A forest with high rate of precipitation and high humidity, usually located near the equator.	Vegetation	Plants in a particular habitat.	Weather	the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain	Understory layer	The understory layer is a tangle of shrubs, young trees, saplings, palms and vines. It is hot and damp here and the air is very still	<p>Compare maps with aerial photographs of the Amazon 20 years ago to now. How much has it shrunk?</p> <p>Use an atlas to locate the Amazon river/rainforest and identify which countries it covers.</p> <p>Use a scale in an atlas to identify the true size of the Amazon rainforest.</p>
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<p>Interesting Facts</p>	<p>Layers of the rainforest: Every rainforest has 4 layers; forest floor, understory, canopy and the emergent layer. Each layer is exposed to different amounts of sunlight and species.</p>		<p>Use the index and contents page to identify countries the Amazon rainforest covers.</p>																																
<p>Unbelievably, more than 200,000 acres of rainforest are burned every day.</p> <p>There are approximately 10 million species of animals, plants and insects known to man and more than half of them call the rainforest home.</p> <p>Pink dolphins are born grey but turn pink as they get older for many reasons. One being due to their exposure to sunlight.</p> 	<p>Deforestation: Deforestation is the action of clearing a wide area of trees. There can be advantages to this. These include; medicines are formed by ingredients found in the rainforest and paper is made from trees. However, deforestation, brings a lot of devastation, such as; animals' habitats destroyed and tribes' homes ruined.</p> <p>Endangered animals: Animals in the rainforest are at risk because of deforestation. Animals' habitats are being wiped out by machinery and fires. It is not just animals which are endangered. Most of the known uncontacted tribes live in South America, deep in the Amazon rainforest. Brazil claims to have most of the world's uncontacted people, estimating as many as 77 tribes.</p> <p>Amazon river: Amazon river is very important to animals/tribes living in the rainforest, as it provides drinking water and food. It is the largest river (holds the most water) and second longest in the world.</p>	<table border="1"> <tr> <td>Emergent layer</td> <td>Is the name given to the tops of trees that poke up above the rainforest canopy.</td> </tr> <tr> <td>Erosion</td> <td>the process of eroding or being eroded by wind, water, or other natural agents.</td> </tr> <tr> <td>Forest floor</td> <td>The ground beneath the trees of a forest, consisting of roots, soil, and decomposing organic matter.</td> </tr> <tr> <td>Humid</td> <td>A warm, dull environment.</td> </tr> <tr> <td>Tropical rainforest</td> <td>A forest with high rate of precipitation and high humidity, usually located near the equator.</td> </tr> <tr> <td>Vegetation</td> <td>Plants in a particular habitat.</td> </tr> <tr> <td>Weather</td> <td>the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain</td> </tr> <tr> <td>Understory layer</td> <td>The understory layer is a tangle of shrubs, young trees, saplings, palms and vines. It is hot and damp here and the air is very still</td> </tr> </table>   	Emergent layer	Is the name given to the tops of trees that poke up above the rainforest canopy .	Erosion	the process of eroding or being eroded by wind, water, or other natural agents.	Forest floor	The ground beneath the trees of a forest, consisting of roots, soil, and decomposing organic matter.	Humid	A warm, dull environment.	Tropical rainforest	A forest with high rate of precipitation and high humidity, usually located near the equator.	Vegetation	Plants in a particular habitat.	Weather	the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain	Understory layer	The understory layer is a tangle of shrubs, young trees, saplings, palms and vines. It is hot and damp here and the air is very still	<p>Understand how humans affect the environment by continuing to destroy the rainforest.</p> <p>Understand why people protest to save the rainforest and its importance.</p> <p>Identify the location of rainforests and compare the climate of other types of forests.</p> <p>Draw an aerial view of South America, identifying the Amazon rainforest and river.</p>																
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