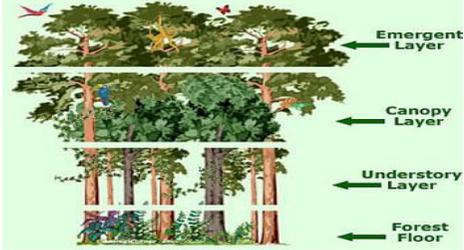


| Why is the rainforest important to me? – Knowledge Organiser Year 4 Autumn 2 | | | | | | | |
|--|--|--|---|--------|--------|--|--|
| Layers of the Rainforest | | Benefits of the rainforest | | | | | |
|  | | <ul style="list-style-type: none"> Plants release oxygen which helps to stabilise the Earth's climate and protect the ozone layer. Rainforests maintain the world's water cycle. | <ul style="list-style-type: none"> 25% of modern medicines come from plants found in rainforests. Rainforests provide a home for over 30 million species of plants and animals. Rainforests provide many foods such as nuts, bananas, coffee and spices. Materials such as rubber, wood, resins, and oil can be found in rainforests. | | | | |
| Vocabulary | | Map showing the location of the rainforests of the world. | | | | | |
| Rainforest | A dense forest, normally found in tropical areas with high rainfall. They generate much of the world's oxygen. |  | | | | | |
| Ozone Layer | The ozone layer is an invisible layer of protective gases that circle the earth. | | | | | | |
| Economy | The system of how money is made and used within a particular country or region. | <p style="text-align: center;">Deforestation</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Causes</th> <th style="width: 50%;">Impact</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> To clear space for farming: growing crops (e.g. soya beans and palm oil) and space for cattle to produce beef. Chopping down trees for wood To build roads to mine for metals, gold and diamonds To flood areas to make dams and produce electricity. </td> <td> <ul style="list-style-type: none"> 28,000 species of animals are expected to become extinct in the next 25 years. Local people's homes are being destroyed. Levels of carbon dioxide in the air are increasing and oxygen is decreasing. An area the size of 20 football pitches is destroyed every 60 seconds. Half of the tropical rainforests have gone. </td> </tr> </tbody> </table> | | Causes | Impact | <ul style="list-style-type: none"> To clear space for farming: growing crops (e.g. soya beans and palm oil) and space for cattle to produce beef. Chopping down trees for wood To build roads to mine for metals, gold and diamonds To flood areas to make dams and produce electricity. | <ul style="list-style-type: none"> 28,000 species of animals are expected to become extinct in the next 25 years. Local people's homes are being destroyed. Levels of carbon dioxide in the air are increasing and oxygen is decreasing. An area the size of 20 football pitches is destroyed every 60 seconds. Half of the tropical rainforests have gone. |
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| tropics | The tropics are the parts of the world that lie between two lines of latitude, the Tropic of Cancer and the Tropic of Capricorn. | | | | | | |
| habitat | The natural home or environment of an animal or plant. |  <p>Key Mountain Range: Andes (Spans 7 countries)</p> <p>Key Waterfall: Angel Falls (Venezuela)</p> <p>Key Rainforest: Amazon (Spans 9 countries)</p> <p>Key River: Amazon river – 6,400km long (the second longest in the world)</p> | | | | | |
| deforestation | The action of clearing a wide area of trees. | | | | | | |
| Equator | An imaginary line through the middle of the Earth which receives the most sunlight. | | | | | | |
| Environment | The natural world or a particular geographical area, especially as affected by human activity. | | | | | | |
| Tropical | Something of the tropics or typical of the tropics. | | | | | | |
| indigenous | Originating from or happening naturally in a place. | | | | | | |
| Trade | Trade is the action of buying and selling goods and services. | | | | | | |

