|  |  |
| --- | --- |
| Unit = GCSE Geography Component 3 Unit 8 Forests under threat | Road Map |
| The aims are:LG1: Knowledge: What are the threats to forest biomes and how can they be reduced?LG2: Application tropical rainforests / taiga, processes, interactions, and issues related to biodiversity and sustainable use and managementLG3: Skills: interpretation of nutrient cycle diagrams and food webs diagrams. Use of GIS to identify patterns of forest loss | Ongoing Assessment results | Key termsTropical rainforestBoreal / taiga forestnutrient cycling /levels of biodiversity.Biomass/litter/soil/stores/transfersstratified layers, buttress roots, drip tipsecotourism, sustainable farmingbiotic and abioticclimate, soil, water, plants, animals and humans |
| Final assessment results |
| Themes | Learning Goals/Outcomes/Content |  |  |  |
| What are the characteristics of the tropical rainforest?  | LG2 Describe different components of the tropical rainforest and explain how they are interdependent  |  |  |  |
| What are the characteristics of the Taiga? | LG1 : Explain how plants and animals have adapted to the taiga and the inter relationships between biotic and abiotic components.  |  |  |  |
| How different are the climates and food webs of the tropical rainforest and the Taiga? | LG2: To compare and contrast the climates and biodiversity of the tropical rainforest and the taiga |  |  |  |
| What are the threats to tropical rainforests? | ​ LG1/2 To describe and assess the different threats to the rainforest |  |  |  |
| What are the threats to the Taiga? | LG1 Identify the direct and indirect threats to the Taiga from commercial developmentIdentify other threats to the taiga |  |  |  |
| How can the tropical rainforest be protected? | LG2:Investigate the global actions to protect tropical rainforests and explain why sustainable management of TRF is challenging |  |  |  |
| How can the Taiga wilderness area be protected? | LG2 Investigate opinions about exploiting or protecting the taiga and the challenges of protecting it |  |  |  |
| Revision and END OF TOPIC ASSESSMENT |

**Links:**

LG1: Interactions between people and environments – also appears in Component 1 (Global Geographical issues) and Component 2 (UK geographical issues) , plus units at A level – mainly Paper 1. It is also a key feature of KS3 curriculum.

LG2: Geographical decision making is also a key feature of Paper 3 at A level . Sustainability is s key theme of GCSE & A Level Geography.

LG3: Interpretation of resources, cartographic, graphic, photographic and mathematical skills feature throughout GCSE and A level geography, It is also a key feature of KS3 curriculum.

|  |  |
| --- | --- |
| Unit = GCSE Geography Component 3 Unit 8 Forests under threat | Road Map |
| The aims are:LG1: Knowledge: What are the threats to forest biomes and how can they be reduced?LG2: Application tropical rainforests / taiga, processes, interactions, and issues related to biodiversity and sustainable use and managementLG3: Skills: interpretation of nutrient cycle diagrams and food webs diagrams. Use of GIS to identify patterns of forest loss | Ongoing Assessment results | Key termsTropical rainforestBoreal / taiga forestnutrient cycling /levels of biodiversity.Biomass/litter/soil/stores/transfersstratified layers, buttress roots, drip tipsecotourism, sustainable farmingbiotic and abioticclimate, soil, water, plants, animals and humans |
| Final assessment results |
| Themes | Learning Goals/Outcomes/Content |  |  |  |
| What are the characteristics of the tropical rainforest?  | LG2 Describe different components of the tropical rainforest and explain how they are interdependent  |  |  |  |
| What are the characteristics of the Taiga? | LG1 : Explain how plants and animals have adapted to the taiga and the inter relationships between biotic and abiotic components.  |  |  |  |
| How different are the climates and food webs of the tropical rainforest and the Taiga? | LG2: To compare and contrast the climates and biodiversity of the tropical rainforest and the taiga |  |  |  |
| What are the threats to tropical rainforests? | ​ LG1/2 To describe and assess the different threats to the rainforest |  |  |  |
| What are the threats to the Taiga? | LG1 Identify the direct and indirect threats to the Taiga from commercial developmentIdentify other threats to the taiga |  |  |  |
| How can the tropical rainforest be protected? | LG2:Investigate the global actions to protect tropical rainforests and explain why sustainable management of TRF is challenging |  |  |  |
| How can the Taiga wilderness area be protected? | LG2 Investigate opinions about exploiting or protecting the taiga and the challenges of protecting it |  |  |  |
| Revision and END OF TOPIC ASSESSMENT |

**Links:**

LG1: Interactions between people and environments – also appears in Component 1 (Global Geographical issues) and Component 2 (UK geographical issues) , plus units at A level – mainly Paper 1. It is also a key feature of KS3 curriculum.

LG2: Geographical decision making is also a key feature of Paper 3 at A level . Sustainability is s key theme of GCSE & A Level Geography.

LG3: Interpretation of resources, cartographic, graphic, photographic and mathematical skills feature throughout GCSE and A level geography, It is also a key feature of KS3 curriculum.

**Links:**

LG1: Interactions between people and environments – also appears in Component 1 (Global Geographical issues) and Component 2 (UK geographical issues) , plus units at A level – mainly Paper 1. It is also a key feature of KS3 curriculum.

LG2: Geographical decision making is also a key feature of Paper 3 at A level . Sustainability is s key theme of GCSE & A Level Geography.

LG3: Interpretation of resources, cartographic, graphic, photographic and mathematical skills feature throughout GCSE and A level geography, It is also a key feature of KS3 curriculum.