**ECOSYSTEMS AND TROPICAL RAINFORESTS CHECKLIST**

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|  |  | 😊 | 😐 | ☹ |
|  | **ECOSYSTEMS** |  |  |  |
| 1 | An **example** of a small scale UK ecosystem to illustrate the concept of interrelationships within a natural system, an understanding of producers, consumers, decomposers, food chain, food web and nutrient cycling. |  |  |  |
| 2 | The balance between components. The impact on the ecosystem ofchanging one component. |  |  |  |
| 3 | An overview of the distribution and characteristics of large scale natural global ecosystems. |  |  |  |
|  | **TROPICAL RAINFOREST** |  |  |  |
| 1 | Tropical rainforest ecosystems have a range of distinctive characteristics. |  |  |  |
|  | * The physical characteristics of a tropical rainforest.
 |  |  |  |
|  | * The interdependence of climate, water, soils, plants, animals and people.
 |  |  |  |
|  | * How plants and animals adapt to the physical conditions.
 |  |  |  |
|  | * Issues related to biodiversity.
 |  |  |  |
| 2 | Deforestation has economic and environmental impacts. |  |  |  |
|  | * Changing rates of deforestation.
 |  |  |  |
|  | * A **case study** of a tropical rainforest to illustrate:
 |  |  |  |
|  | * causes of deforestation –
 |  |  |  |
|  | * + Subsistence and commercial farming
 |  |  |  |
|  | * + Logging
 |  |  |  |
|  | * + Road building
 |  |  |  |
|  | * + Mineral extraction
 |  |  |  |
|  | * + Energy development
 |  |  |  |
|  | * + Settlement
 |  |  |  |
|  | * + Population growth
 |  |  |  |
|  | * impacts of deforestation –
 |  |  |  |
|  | * + Economic development
 |  |  |  |
|  | * + Soil erosion
 |  |  |  |
|  | * + Contribution to climate change
 |  |  |  |

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