




The Living world

	Covered in class?				Revision undertaken
Using an example of a small-scale ecosystem in the UK, I can explain the interrelationship within the natural system.					
I can define and give UK examples of producers consumers, decomposer, food chain, food web and nutrient cycle					
I can explain their interdependence of each of the above and explain how changes might affect each other.					
I can describe the distribution and characteristics of global ecosystems around the world.					
Tropical rainforests (core content)					
I can describe the physical characteristics of the tropical rainforests					
I can explain the interdependence of the climate, water, soils, plants, animals and people in a tropical rainforest					
I can explain how plants and animals have adapted to the physical conditions of tropical rainforests.					
I can describe and explain the problems and issues with changing biodiversity within the tropical rainforest.					
I can describe and explain the changing rates of deforestation .					
I can use a case study to explain the causes of deforestation subsistence and commercial farming, <ol style="list-style-type: none"> 1. Subsistence and commercial farming 2. Logging, 3. Road Building 4. Mineral Extraction 5. Energy Development, 6. Settlement 7. Population Growth 					
I can use a case study to explain the impacts of deforestation <ol style="list-style-type: none"> 1. Economic development 2. Soil erosion, 3. Contribution to climate change. 					
I can explain the importance and value of the tropical rainforest on a local, national and international scale.					
I can explain why it is important the tropical rainforest should be managed sustainably .					
I can explain how the tropical rainforest can be managed sustainably using a range of methods <ol style="list-style-type: none"> 1. Selective logging and replanting 2. Conservation and education 3. Ecotourism 4. International agreements about the use of tropical hardwoods, 5. Debt reduction. 					
Hot deserts (option)					
I can describe the physical characteristics of the hot desert					
I can explain the interdependence of the climate, water, soils, plants, animals and people in a hot desert					
I can explain how plants and animals have adapted to the physical conditions of hot deserts					
I can describe and explain the problems and issues with changing biodiversity within the hot desert.					
I can use a case study of a hot desert to explain development opportunities of: <ol style="list-style-type: none"> 1. Mineral Extraction 2. Energy Development 3. Farming 4. Tourism 					
I can use a case study of a hot desert to explain the challenges of development including: <ol style="list-style-type: none"> 1. Extreme temperature 2. Water supply 3. Inaccessibility 					
I can define and describe desertification					
I can explain the causes of desertification including: 1. climate change, 2. population growth, 3. Removal of fuel wood, 4. overgrazing, 5. over-cultivation 6. soil erosion					
I can explain how desertification can be managed using: <ol style="list-style-type: none"> 1. Water and soil management 2. Tree planting 3. Using appropriate technology 					