

## Living World PLC

Content	R	A	G
I can define the term: ecosystem			
I understand the interrelationships between producers, consumers and decomposers in a small scale UK ecosystem			
I know the difference between a food chain and a food web			
I can explain how ecosystems can be affected by change			
I can describe the distribution and characteristics of global ecosystems			
I can describe the structure of a tropical rainforest			
I can describe the climate of a tropical rainforest			
I can explain how a variety of plants and animals adapt to the conditions in a tropical rainforest.			
I can use a case study to explain the causes of deforestation (farming, logging, road building, mineral extraction, energy development, settlement and population growth)			
I can use a case study to explain the impacts of deforestation (economic development, soil erosion, loss of biodiversity, climate change)			
I can describe the changing rates of deforestation using graphs			
I understand the value of tropical rainforests and I can explain why it is important to protect them.			
I can explain the strategies used to manage the rainforest sustainably			
I can describe the physical characteristics of hot deserts			
I can describe the climate of a hot desert			
I can explain how a variety of plants and animals adapt to the conditions in a hot desert			
I can use a case study to explain the opportunities for development in a hot desert (Mineral extraction, energy, farming, tourism)			
I can explain the challenges of developing a hot desert environment using a case study (extreme temperatures, water supply, inaccessibility)			
I can explain the causes of desertification (climate change, population growth, removal of fuel wood, overgrazing, over-cultivation, soil erosion)			
I can explain the strategies used to reduce the risk of desertification (water and soil management, tree planting, appropriate technology)			

### Named examples: Complete the table

	Named example/case study
Small scale UK ecosystem	
Tropical rainforest	
Hot desert	