



Section 1: Key Vocabulary	
Key Word	Definition
Ecosystem	All the living and non-living things in a certain area
Community	All of the living things in an ecosystem
Population	All of the individuals of one species in a certain area
Habitat	A place where an organism lives
Competition	When organisms fight for a resource
Adaptation	Process by which an animal or plant species becomes more suited to its environment;
Hibernation	A state of inactivity
Migration	Moving from one place to another during certain times of the year or life cycle
Producer	A green plant that makes its own food
Herbivore	An organism that eats plants
Carnivore	An organism that eats meat
Predator	An organism that preys upon other organisms
Prey	An organism that is hunted by a predator
Bioaccumulation	The build-up of toxins in the food chain
Interdependence	When organisms depend on each other for survival

Section 2: Quick Questions	
What resources might an animal compete for?	Animals will compete for food, water, space and a mate
What resources might a plant compete for?	Plants will compete for light, water, space and minerals
Which organisms are most likely to survive?	Those who are best adapted to the environment
How might an animal adapt to a changing environment?	Some animals migrate, whilst others hibernate. Some animals are able to grow thicker fur or change its colour
What is a food chain?	A food chain shows the flow of energy in an ecosystem, with arrows pointing from the food to the consumer
What is a food web?	A food web is multiple food chains put together
How are prey and predator populations linked?	Prey and predator populations are closely linked, increasing and decreasing just after one another population
What happens when a species is removed from an ecosystem?	There is a massive knock on effect onto other species in that ecosystem due to a change in prey, predators or competitors

Section 3: Helpful Diagrams

Clover (Producer) → Snail (Primary consumer) → Thrush (Secondary consumer) → Sparrowhawk (Tertiary consumer)

number of animals (1000s) vs year

Section 4: Video Links