

Communities		
1	Organism	a living thing
2	Species	a group of living things which can interbreed to produce fertile offspring
3	Population	the total number of organisms of the same species, in the same area
4	Community	two or more populations of organisms living in the same area
5	Ecosystem	the interaction between the living and non-living parts of an area
6	Interdependence	living things rely on each other to survive
7	Competition	organisms compete for resources
8	Animal competition	animals compete for food, mates and territory
9	Plant competition	plants compete for light, space, water and minerals
Abiotic factors		
10	Abiotic factor	a non-living part of the ecosystem
11	Abiotic factors	<ul style="list-style-type: none"> • light intensity • temperature • moisture levels
Biotic factors		
12	Biotic factor	a living part of the ecosystem
13	Biotic factors	<ul style="list-style-type: none"> • availability of food • new predators • new pathogens
Required Practical: Measuring Populations		
14	Distribution	how spread out a population of one species is
15	Abundance	how many individuals of one species there are in an area
16	Quadrat	a square frame used for sampling organisms
17	Transect	a line created across a habitat (e.g. with a tape measure)

Adaptations					
18	Adaptation	a structural, behavioural or physiological feature of an organism which helps it to survive in its environment			
19	Extremophile	organisms which can live in extreme environments			
Food Chains					
20	Food chain	a sequence of feeding relationships between organisms; shows what eats what			
21	Producer	a photosynthetic organism; making glucose from carbon dioxide, water and light energy			
22	Primary consumer	a herbivore which eats the producer			
23	Secondary consumer	an organism which eats the primary consumer			
24	Predator	an animal which hunts, kills and eats other animals			
25	Prey	organism that predators kill for food			
Biodiversity					
26	Biodiversity	the variety of all of life on Earth			
27	Stable ecosystem	populations in a stable ecosystem stay at roughly the same numbers			
Threats to Biodiversity					
28	Pollution	harmful substances which can kill plants or animals			
29	Habitat reduction	building	quarrying	farming	landfill
30	Deforestation	cutting down large areas of trees			
31	Global warming	overall increase in the Earth's temperature at the surface			
Maintaining and Increasing Biodiversity					
32	Breeding programme	planned breeding of animals or plants, usually in zoos			
33	Recycling	the process of converting waste materials into new materials and objects			
The Carbon Cycle					
34	Carbon cycle	movement of the element carbon, between living and non-living forms			
35	Factors which take in CO ₂	photosynthesis			
36	Factors which emit CO ₂	respiration	combustion	decomposition	