

Variation and Inheritance		
1	Species	a group of living things which can interbreed to produce fertile offspring
2	Hybrid	offspring of two plants or animals of different species
3	Breed	animals or plants within a species having a distinctive appearance
4	Variation	differences between individuals of the same species
5	Continuous variable	measurement that can take any in value within a range e.g. a person's height
6	Discontinuous variable	measurement that can take only a limited number of different values e.g. eye colour
7	Environmental variation	variation within a species, caused by the conditions in which they live
8	Inherited variation	variation within a species, caused by characteristics being passed on from the parents (In the genes)
9	Characteristics	features of an organism
10	Genetic	involving the genes
11	Genes	section of DNA
12	Genome	all the DNA of an organism
13	Chromosomes	a strand of DNA humans have 23 pairs
14	DNA	molecule that carries genetic material
15	Double helix	the shape of the DNA molecule with two strands twisted together in a spiral
16	Nucleotide	the basic unit that forms DNA

Classification		
17	Classification	way of grouping organisms Kingdom→Phylum→Class→Order→Family→Genus→Species
18	Binomial	A two part name, made up of a genus and a species

Adaptations, natural selection and selective breeding		
19	Organism	a living thing
20	Adaptation	a feature of an organism which helps it to survive in its environment
21	Habitat	areas in which living things are able to meet all their needs
22	Parent	mother or father
23	Reproduction	the production of new organisms from their parents
24	Offspring	new individual formed during reproduction
25	Generations	a group of individuals born around the same time
26	Evolution	the change of inherited characteristics within a population over time through natural selection
27	Natural selection	organisms that are better adapted to their environment tend to survive and produce more offspring
28	Selective breeding	humans choosing which individual plants or animals will reproduce
29	Charles Darwin	scientist responsible for the theory of evolution
30	Parent	mother or father

Extinction and gene banks		
32	Extinct	no remaining individuals of a species are alive
33	Endangered	organisms at risk of extinction
34	Captivity	being kept imprisoned (e.g. in a zoo)
35	Botanical	relating to plants