

Question	Answer
All the living and non-living things in a particular place is called an...	Ecosystem
All the living things in an ecosystem is called a...	Community
A place where an organism lives is called a...	Habitat
What is an invertebrate?	An animal with no spine
What do the arrows in a food chain show?	The flow of energy from one organism to another.
How is a food web different to a food chain?	A food web is made from lots of food chains interacting with each other.
What is the term for an organism at the start of a food chain that makes its own food?	Producer
What is the term for an organism that eats other organisms to get energy?	Consumer
What does the term 'bioaccumulation' describe?	How things like pesticides can build up to toxic levels in a food chain
Name at least two factors that determine population size in an ecosystem.	The availability of food, number of predators, pollution, competition, or disease.
What things do animals compete for?	Food, mates, space and water
What things do plants compete for?	Light, minerals, space and water
What effect does competition have on a population?	Only the fittest individuals survive
Why are some flowers brightly coloured but others not?	Brightly coloured flowers are for attracting insects which the plant needs for reproduction.
What are the two methods of pollination?	Wind and insects
What is the female part of a flower called?	Carpel
What is the male part of a flower called?	Stamen
Give three features of a wind pollinated flower	Small dull petals, no nectar, light pollen
Give three features of an insect pollinated flower	Bright petals, nectar, pollen covered in hooks
What happens during fertilisation in plants?	The DNA from two different plants joins together in the ovary
Name the three female parts of a flower	Stigma, style, ovary
What is the name given to an egg cell?	Ovum
What is 'germination'?	When a seed begins to grow into a plant
What are the conditions are needed for germination?	Moisture and the right temperature
Give at least two ways in which seeds are dispersed	Carried by the wind, carried by animals, carried by the water.