

What is the role of decomposers in the nitrogen cycle?

How is carbon recycled in the oceans?

How does respiration contribute to the carbon cycle?

Describe how counter current heat exchange systems in penguins minimise heat loss

What happens to the amount of energy as you move up through each stage in a food chain?

What do we mean by the term species?

What is the role of denitrifying bacteria in the nitrogen cycle?

How are desert animals anatomically adapted to stay cool and minimise water loss?

What behavioural adaptations do animals that live in cold environments have?

Give some anatomical adaptations that organisms might have to reduce heat loss in cold environments?

How do you calculate the percentage efficiency of energy transferred in a food chain?

What role do fossil fuels play in the carbon cycle?

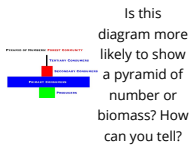
What is the difference between intraspecific and interspecific competition

How are desert plants adapted to having little water?

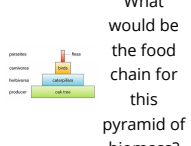
How might organisms that live near super hot volcanic vents be adapted to live in extreme conditions?

Describe the binomial naming system for species.

Is this diagram more likely to show a pyramid of number or biomass? How can you tell?



What would be the food chain for this pyramid of biomass?



Why do legume plants and bacteria found in their root nodules have a mutualistic relationship?

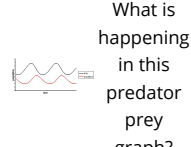
What behavioural adaptations do desert animals have?

What is a parasitic relationship?

What is mutualism?

What do bars in a pyramid of biomass represent?

What is happening in this predator prey graph?



What do plants use nitrates for?

Put these classification groups in order starting with the largest group: Species, Genus, Phylum, Order, Class, Family

In what ways do animals contribute to the carbon cycle?