

QUESTION	ANSWER
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**Quiz Cards: .....**

## **How to use the quiz cards to learn the key facts**

- 1) Take 6 quiz cards at a time and read through them
- 2) Cover up the answer side of the page.

Question	Answer
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- 3) Take the first quiz card and ask yourself the question. Either write the answer down or say it out loud.
- 4) Check your answer using the answer side of the card.
- 5) Do this question again until you get it right.
- 6) Repeat the process for the second question.
- 7) Before going onto the third question repeat question one and two.
- 8) When you have gone through all of the questions try and do them in a random order to really test your knowledge.

### **ONCE YOU HAVE LEARNT THEM ALL ....**

- 9) Complete some exam questions to apply your knowledge.
- 10) Check your answer with the mark scheme and correct any errors in green pen.
- 11) Repeat steps 9-10 until you get the answers correct all of the time.

QUESTION	ANSWER
<b>What is an Ecosystem?</b>	<b>All the organisms living in a habitat and the non-living parts of the habitat</b>
Define a population	Groups of individuals of the same species
What do plants often compete for?	Light, water, space and mineral ions from the soil
<b>What do animals often compete for?</b>	Food, mates and territory
List some abiotic (non living) factors in a community	Light intensity, temperature, moisture levels, soil pH and mineral content
List some biotic factors in a community	Availability of food, new predators arriving, new pathogens/diseases and one species out competing each other

QUESTION	ANSWER
What are adaptations?	The features that organisms have which enable them to survive in the conditions in which they normally live
Some organisms can survive in very extreme conditions what do we call them?	Extremophiles
What is interdependence?	Species relying on each other for food, shelter, pollination and seed dispersal
<b>Name two types of decomposer</b>	Bacteria and fungi
What conditions do decomposers need to break down waste?	Oxygen, moisture, a suitable temperature and a suitable pH
What do all food chains start with?	A producer

QUESTION	ANSWER
What sort of consumers eat producers?	Primary consumers
<b>What's the difference between carnivores and omnivores?</b>	Carnivores only eat meat and omnivores eat meat and plant material
<b>How can carbon from carbon dioxide in the air get back into compounds in living organisms?</b>	Plants take in carbon dioxide from the air and use it for photosynthesis
<b>What is biodiversity?</b>	<b>The variety of all of the different species of organisms on Earth</b>
Give examples of pollution that can be found in the water	Sewage, fertilisers and toxic chemicals
<b>What causes pollution on land?</b>	Landfill, pesticides and herbicides

QUESTION	ANSWER
<b>What causes acid rain?</b>	Sulfur dioxide dissolving in the moisture in the atmosphere
<b>What is deforestation?</b>	Cutting down trees and the destruction of the forest
<b>Give two reasons for large scale deforestation</b>	Providing land for cattle and rice fields and growing crops for biofuels
<b>Give two examples of gases that are contributing to global warming</b>	Methane and carbon dioxide
<b>How can humans reduce the negative impact they are having on ecosystems and biodiversity?</b>	Protect rare habitats, breed endangered species and reduce deforestation

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