

Questacon at HOME

Year 4 Activity Sheet

Ecology

If you looked outside what sort of trees and plants do you see? If you were in Antarctica would you see the same trees and plants? On Earth there are lots of different conditions such as rainfall, temperature and sunlight that affect what animals and plants can exist in certain areas. We call these areas **Biomes!**

Q1. How many of these places are considered biomes?

- Forests (moist places with lots of trees and rainfall)
- Deserts (very dry places with no trees or grasses)
- Tundra (cold and dry places with no trees)
- Grassland (lots of grass and a few trees)
- All the above

Activity

Look outside or go to your local park and draw what you see! What kind of biome do you think it is? How does this biome differ from others, such as an ocean?



Year 4 Activity Sheet

Q2. Where are you most likely to find a starfish?

Lakes and rivers with water that isn't salty

Places which aren't fully underwater, but are muddy and wet, like swamps

Where lots of fish and corals live together on rocks

The ocean where the water is salty

Q3. Which of the following animals would you find in a desert? (Hint: could be more than one!)

Zebra

Gorilla

Camel

Scorpion

Shark

Thorny Devil Lizard

All living things need water to survive, because deserts (a type of biome) are places on earth where very little rainfall occurs. The animals that live there must be able to survive for a long time without much water. An example of this is a camel. A camel drinks a lot of water at once and actually stores this water in its body to use later!

Q4. What other things do living things need to survive? (Hint: it could be more than one!)

Nutrients

Air

Light

Metals



Ecology - Answers

Q1. How many of these places are considered biomes?

Trick question, they all are! These are the four main types of terrestrial biomes.

Fun fact: aquatic places have their own biomes! They are: freshwater, wetlands, marine, coral reef and estuaries (a special name for places where rivers meet the ocean!)

Q2. Where are you most likely to find a starfish?

Where lots of fish and corals live together on rocks.

Q3. Which of the following animals would you find in a desert? (Hint: could be more than one!)

Camel, Scorpion and Thorny Devil Lizard.

Q4. What other things do living things need to survive? (Hint: it could be more than one!)

Trick question! All of these are used by all living things across the world.

