



Year 2 Science
(Week 9)

Unit 5A: Living things and their environment

Name: _____

Class: Year 2 A B C D

Date: 1st March 2022

Looking at habitats

1. Look at these two habitats. **Compare** them - how are they different? Why are there more plants and animals in one habitat than in the other? (hint: think about what the environment has or provides.)



This habitat has (**many** / **few**) living things because it (**has** / **does not have**) water and (**a lot of** / **little**) plants to feed and attract animals.



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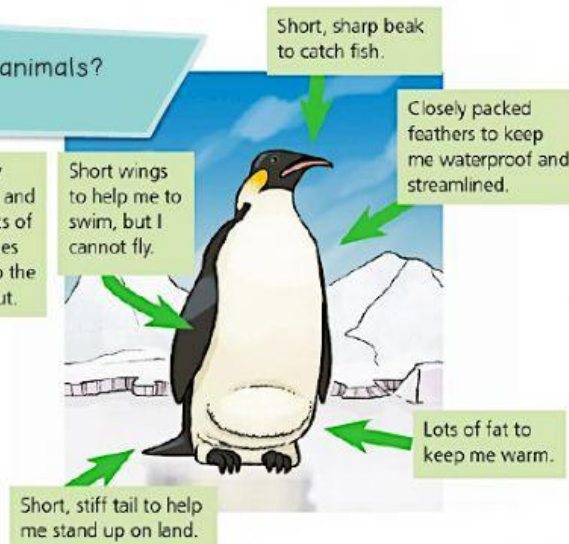
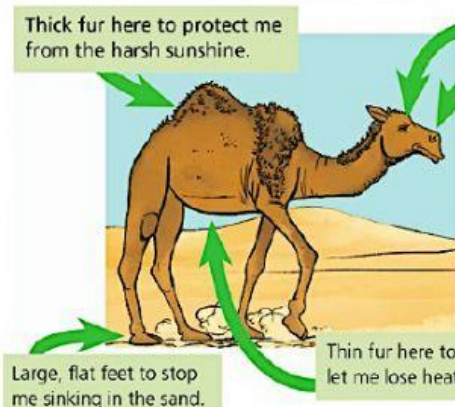
Animal and plant adaptations

Animals and plants come in many different shapes and sizes. Most animals live in one type of environment because they are **best suited to it**. We say they are **adapted** to this environment which **provides them with food, water and shelter**. For example, animals like frogs, newts and ducks have **webbed feet** to help them swim in water. Squirrels have **sharp claws** to grip and **long tails** to help them balance up and down the trees.

2.

Question

Which **habitat** would be suited to these animals?



- a) **Camels** are suited to live in where it is, covered in
- b) **Penguins** are suited to live on where it is, and covered in

3. Look at the pictures. Explain how each animal is adapted to its habitat using the helping words below:

long claws to dig, tiny eyes as it doesn't need to see in the dark

short fur to keep cool, big ears to lose heat

large eyes to see at night, long tail to help it balance

long fur to keep warm, small ears to prevent heat loss



A desert fox lives in hot, dry places.



A mole burrows in dark underground tunnels.



An arctic fox lives in cold places.



A dormouse is active at night – it climbs shrubs and trees.

4. Different plants like different habitats. This means that in most parts of the Earth, we find plants growing. The pictures show places where plants can't survive.



desert dunes



antarctica



underground cave

a) What are the 4 things plant needs to grow? One has been done for you.

w

a

s

nutrients

b) Why do you think it's difficult for plants to grow in the habitats above?

They have (normal / extreme) conditions that might be too hot or cold and (gets enough / does not get enough) sunlight for plants to grow well underground.

5. Which habitat do you think will suit the following living things?

desert

sea

swamp



Rice needs a habitat which is warm, with lots of light and water. It grows in very wet soil.



Sea mustard are algae that grow in water bodies. It needs sunlight and cold clean water to grow.



Cactus needs a habitat which is very hot. It needs light and very little water.