

Exploring Habitats with Bea the Bee

Learning objective: To recognise that living things can be grouped in a variety of ways and explore how environmental changes can pose dangers to specific habitats.

Read the information below about habitats carefully. Once you have finished reading, answer the questions that follow to test your knowledge. Use your best handwriting and full sentences where possible.

A habitat is the natural home or environment of an animal, plant, or other organism. It provides the four things every living thing needs to survive: food, water, shelter, and space. Bea the Bee spends her days visiting different habitats, such as wildflower meadows, woodland edges, and garden borders. Each habitat has unique conditions, like temperature and light, which animals must adapt to in order to live there. For example, a polar bear has a thick layer of fat to survive in a freezing Arctic habitat, while a cactus has fleshy stems to store water in a dry desert. Sadly, some habitats are changing due to human activity or climate change. When a habitat is damaged, the plants and animals living there struggle to find what they need. Protecting these homes is called conservation, and it is vital for keeping our planet healthy.

Word bank: habitat · environment · adaptation · ecosystem · conservation · shelter

1. Identify the four essential things that every living thing needs to survive in its habitat. (2 marks)

2. Explain why a polar bear would struggle to survive if its habitat suddenly changed to a hot, dry desert. (2 marks)

3. Define the word 'conservation' in your own words based on the passage provided. (1 mark)

4. Think of a local habitat near your school or home. List two living things you might find there. (2 marks)

5. Why is it important for animals to have 'adaptations' in their environment? (2 marks)

Draw: Draw a detailed picture of a habitat of your choice. Label at least three features that provide food, water, or shelter for the animals living there.



Extension challenge: Research one endangered animal. Write a short paragraph explaining why its habitat is disappearing and suggest one way humans could help protect it.