

Exploring Habitats: A Scientific Report

Learning objective: To describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.

Use this writing frame to create a scientific report about a habitat of your choice. Use the prompts below to guide your research and writing. Ensure you use scientific vocabulary to explain how living things have adapted to their environment.

A habitat is a natural home or environment where a specific animal, plant, or organism lives, grows, and finds the resources necessary for survival.

Word bank: Furthermore · In contrast · Consequently · Specially adapted · Characteristics · Classification · Environment · Organisms · Survival · Biodiversity

1. Introduction: Name the habitat you have chosen and describe its main features. Start with: 'The habitat I have chosen to investigate is...' (2 marks)

2. Flora and Fauna: List the plants and animals found here. Start with: 'Within this ecosystem, a variety of organisms can be found, such as...' (2 marks)

3. Adaptations: Explain how one animal or plant is suited to this habitat. Start with: 'A fascinating example of an organism adapted to this environment is the... which has developed...' (3 marks)

4. Food Chains: Describe the flow of energy. Start with: 'Energy is transferred through the habitat via food chains, beginning with a producer like...' (2 marks)

5. Conclusion: Summarise why this habitat is important for biodiversity. Start with: 'In conclusion, this habitat is vital because...' (2 marks)

Extension challenge: Research a 'threat' to your chosen habitat (such as climate change or deforestation) and write a short paragraph explaining how this might affect the organisms living there.