

Investigating Extraordinary Creatures: A Scientific Report

Learning objective: To write a non-chronological report using formal language, technical vocabulary, and organisational devices to describe a creature.

Today, you will be acting as a field researcher like Bea the honeybee. Your task is to write a scientific report about a creature of your choice. Use your best 'scientific' voice—keep it formal, factual, and informative. Ensure you use subheadings to organise your writing and include technical vocabulary to explain how your creature survives in its habitat.

Word bank: habitat · adaptation · nocturnal · predator · prey · characteristic · environment · classification · fascinating · biological

1. Introduction: State the name of the creature and provide a brief summary of why it is an interesting subject for scientific study. (2 marks)

2. Habitat and Environment: Describe where this creature lives. Explain why this specific environment is suitable for its needs. (3 marks)

3. Physical Characteristics: Describe the creature's appearance. Explain how these specific features help it survive (e.g., camouflage, sharp claws, or sensory organs). (4 marks)

4. Diet and Behaviour: Explain what the creature eats and how it finds its food. Is it a predator, a scavenger, or a herbivore? (3 marks)

5. Compare and Contrast: How does this creature's method of survival differ from a more common animal, such as a garden bird or a household pet? Justify your comparison. (4 marks)

6. Critical Thinking: Explain why a change in the climate of this creature's habitat might threaten its survival. What might happen if its primary food source were to disappear? (4 marks)

Extension challenge: Imagine you have discovered a brand new species that has never been seen by science before. Write a short 'Field Note' entry (50-75 words) describing the moment you first encountered it. Use descriptive language to capture the creature's movement and behaviour.