Nova’s Adaptation Explorer: Field Report

Learning objective: To identify and explain how animals are adapted to suit their environment in different ways.

Join Nova the barn owl on an expedition! Select an animal from a habitat of your choice. Use your research skills to fill in this field report, explaining how the animal's physical features and behaviours help it survive in its home.

Word bank: Camouflage · Environment · Characteristic · Survival · Habitat · Predator · Prey · Adaptation

1. Animal and Habitat: Name the animal you are studying and describe the environment where it lives (e.g. desert, rainforest, arctic). (2 marks)

2. Physical Adaptations: Describe two physical features (body parts) of the animal and explain how these help it survive. (4 marks)

3. Behavioural Adaptations: Describe one way the animal behaves to help it stay safe or find food. (2 marks)

4. The 'What If' Scenario: What might happen to this animal if its habitat changed (e.g. if the temperature rose or the area became a city)? (3 marks)

5. Survival Summary: Why is this animal perfectly suited to its environment? Use your scientific vocabulary. (3 marks)

Extension challenge: Design a brand new creature that is perfectly adapted to live in a fictional environment where it rains every single day. Label at least three of its special adaptations.