

Nova's Habitat Explorer Fact-File

Learning objective: To identify and describe the characteristics of a specific habitat and explain how living things are adapted to survive there.

Choose a habitat to investigate (e.g., a woodland, a pond, or a coastal area). Use your scientific knowledge to fill in the sections below. Think about the physical conditions of the habitat and how the animals and plants living there are well-suited to their environment.

Word bank: adaptation · environment · ecosystem · climate · shelter · survival · predator · prey · vegetation

1. Habitat Name and Location: Which habitat have you chosen? Describe the general environment, including the typical weather or climate you might find there. (2 marks)

2. Living Things: List three animals and two plants that live in this habitat. Why are these species suited to living in this specific place? (3 marks)

3. Adaptations: Choose one animal from your list. Describe one physical feature or behaviour it has that helps it survive (e.g., camouflage, hunting at night, or storing water). (3 marks)

4. Food Chains: Write a simple food chain that could be found in this habitat. Start with the producer (plant) and include at least two consumers. (2 marks)

5. Human Impact: How might human activity affect this habitat? Suggest one way we could help protect this environment for the future. (2 marks)

Extension challenge: Nova the owl wants to know: what would happen to the food chain if the producer in your habitat suddenly disappeared? Write a short paragraph explaining your prediction.