

Nova's Habitat Adventure

Learning objective: To identify how environments can change and how this can sometimes pose dangers to living things.

Read the passage about Nova the owl's woodland home. Use the information to answer the questions below.

Nova the barn owl loves her home in the ancient oak woods. A habitat is the natural home of an animal or plant, providing everything it needs: food, water, shelter, and space. Recently, Nova noticed changes in her woodland. Some trees were cleared to build a new path, and a nearby pond became polluted with litter. These changes make it harder for animals to find homes or healthy food. When an environment changes too quickly, some animals may struggle to survive. Conservationists work hard to protect these areas, ensuring that animals like Nova have a safe place to live, hunt, and raise their owlets.

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

1. Using the passage, define what a 'habitat' is and explain why it is important for an animal's survival. (2 marks)

2. Nova mentions two changes that have happened in her woodland. Identify these changes and explain how they might affect the animals living there. (2 marks)

3. Why might a quick change to an environment be dangerous for a living thing? (2 marks)

4. What do conservationists do, and why is their work important for habitats? (2 marks)

5. Think of one way you could help protect a local habitat in your own community. (2 marks)

Draw: Draw a healthy woodland habitat for Nova, including at least three things she needs to survive (such as food, water, or shelter).



Extension challenge: Research a local animal that lives in your area. Write a short paragraph explaining what would happen to that animal if its main food source suddenly disappeared due to a change in its habitat.