

# Exploring Habitats with Nova and Bea

*Learning objective: To identify and describe how different environments provide for the needs of living things, and how animals are adapted to their habitats.*

Read the passage carefully about the forest and the pond habitats. Use the information to answer the questions that follow.

Nova the owl and Bea the honeybee were exploring different parts of the woods today. Nova loves the forest habitat, where the tall oak trees provide perfect hollows for her to sleep in during the day. Because Nova is a nocturnal hunter, her large eyes are an adaptation that helps her see clearly in the dark to find food. She enjoys the quiet, shaded environment where she can stay hidden from view. Meanwhile, Bea the honeybee was busy visiting the pond habitat nearby. The pond is a bustling ecosystem filled with life. Bea relies on the nectar from wildflowers surrounding the pond to make food for her hive. She noticed frogs hiding amongst the lily pads, which act as a clever disguise to keep them safe from predators. Both Nova and Bea know that every animal needs food, water, and shelter to survive in their own special home. If a habitat changes, it can be very difficult for the animals to find what they need to live healthily.

*Word bank: habitat · environment · adaptation · shelter · predator · prey · ecosystem*

## 1. Explain why a tall, hollow tree is a good habitat for Nova the owl. (2 marks)

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## 2. What is one way the lily pads help the frogs in the pond habitat? (2 marks)

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## 3. List the three basic things that Nova and Bea both need to survive in their habitats. (3 marks)

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## 4. How does Nova's eyesight help her survive in the forest? (2 marks)

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5. Why might it be dangerous for an animal if their habitat is destroyed or changed? (2 marks)

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**Draw:** Draw a T-chart. On the left side, draw a forest habitat and include Nova. On the right side, draw a pond habitat and include Bea. Label the food and shelter items you include in both pictures.



*Extension challenge: Choose one animal that lives in your local area (like a squirrel or a worm). Write a short paragraph explaining how its body is adapted to help it live in its specific habitat.*