

Year 3 Science Assessment: Habitats and Living Things

Learning objective: To identify and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.

Read each question carefully. Use your scientific knowledge to answer in full sentences where required. Write your answers clearly.

Nova the barn owl is exploring the world. She flies over a dark, cool woodland and a bright, sandy coastline. She notices that the animals living in the woodland are very different from the creatures living in the ocean. She wonders how each animal finds the food, water, and shelter they need to stay healthy in their own special homes.

Word bank: habitat · environment · adaptation · food chain · shelter · survive · predator · prey

1. Define the word 'habitat' in your own words. Why is a habitat important for an animal? (2 marks)

2. Nova sees a hedgehog in a woodland. Name two things the hedgehog needs from its habitat to survive. (2 marks)

3. Look at these three animals: a polar bear, a camel, and a frog. Match each animal to its correct habitat: Arctic, Desert, or Pond. (3 marks)

4. Explain what a food chain shows. Include the words 'producer' and 'consumer' in your answer. (4 marks)

5. Why might an animal struggle to survive if its habitat is destroyed or changed by humans? (4 marks)

6. Imagine you are a scientist like Nova. Write a short report (5 sentences) describing a local habitat (such as a park or garden). List three living things you might find there and explain one way the habitat provides for them. (5 marks)

7. Give one example of an adaptation a fish has that helps it survive in an underwater habitat. (2 marks)

8. Is a fallen log a micro-habitat? Explain your answer. (3 marks)

Draw: Draw a simple food chain that includes a plant, a herbivore, and a carnivore. Label each part clearly.

Extension challenge: Total: /25