

# Nova's Habitat Expedition: A Year 4 Science Quiz

*Learning objective: To identify, classify, and explain how living things are suited to their environment and how habitats can change.*

Welcome, explorers! Nova the owl needs your help to document the creatures of our world. Answer these 10 questions to prove you are a habitat expert. Use the word bank if you get stuck!

Answer Key: 1. A (Environment); 2. True; 3. Adaptation; 4. B (To blend in with surroundings); 5. False (Habitats change due to seasons and humans); 6. C (A polar bear); 7. True; 8. A (A place where plants and animals live); 9. B (To drink water and find food); 10. False (Some animals migrate).

*Word bank: Environment · Adaptation · Classification · Ecosystem · Camouflage · Predator · Prey*

**1. 1. What is the name for the natural home or environment of an animal, plant, or other organism? A) Environment\* B) City C) Building D) Box (1 mark)**

**2. 2. True or False: An adaptation is a special feature that helps an organism survive in its habitat. (1 mark)**

**3. 3. What one-word term describes a feature like a thick coat on a polar bear that helps it survive in the cold? (1 mark)**

**4. 4. Why do some insects have camouflage? A) To look pretty B) To blend in with surroundings\* C) To make friends D) To fly faster (1 mark)**

**5. 5. True or False: Habitats stay exactly the same all year round and never change. (1 mark)**

**6. 6. Which animal is best suited for an Arctic habitat? A) A camel B) A parrot C) A polar bear\* D) A goldfish (1 mark)**

**7. 7. True or False: Humans can change habitats by building roads or cutting down trees. (1 mark)**

**8. 8. What is a habitat? A) A place where plants and animals live\* B) A type of food C) A group of scientists D) A book about owls (1 mark)**

9. 9. Why might an animal migrate to a new habitat? A) To go on holiday B) To drink water and find food\* C) To learn a new language D) To sleep more (1 mark)

10. 10. True or False: All animals stay in the same habitat for their entire lives. (1 mark)

**Draw:** Draw a creature that you have invented. Label three special adaptations it has that help it survive in its specific habitat (for example: large webbed feet for swimming, or bright colours to warn off predators).



*Extension challenge: Greater Depth Challenges: 1. Explain why a cactus is perfectly suited to a desert habitat. 2. Compare and contrast the habitats of a pond and a woodland. 3. Justify why it is important for humans to protect natural habitats. 4. What might happen to the animals in a forest if a river dried up? 5. Why do some animals become endangered when their habitat changes? 6. If you could design a new habitat for a monkey, what essential features would you include to ensure it thrives?*