

Nova's Nature Explorers: Living Things Quiz

Learning objective: To identify, classify, and understand the characteristics of living things, including habitats and environmental changes.

Join Nova the owl on an adventure through the woods! Read each question carefully and write your answers clearly. Good luck, young scientists!

Answer Key: 1. B, 2. True, 3. Invertebrate, 4. C, 5. False, 6. Habitat, 7. A, 8. True, 9. Vertebrate, 10. D. Living things are classified based on shared characteristics. Environments can change, which can pose dangers to the living things within them.

Word bank: Classification · Habitat · Vertebrate · Invertebrate · Environment · Adaptation

1. 1. Which of these is a characteristic of all living things? A) They can talk B) They can reproduce C) They always have fur D) They move very fast (1 mark)

2. 2. True or False: Plants are classified as living things. (1 mark)

3. 3. What do we call an animal that does not have a backbone? (1 mark)

4. 4. Which of these is an example of an environment? A) A pencil case B) A plastic bottle C) A pond D) A piece of paper (1 mark)

5. 5. True or False: All environments stay exactly the same throughout the year. (1 mark)

6. 6. Fill in the blank: The natural home of an animal or plant is called its _____. (1 mark)

7. 7. Which of these is a vertebrate? A) A frog B) A spider C) A snail D) A worm (1 mark)

8. 8. True or False: Humans can change environments, which might be dangerous for the animals living there. (1 mark)

9. 9. Is a fish a vertebrate or an invertebrate? (1 mark)

10. 10. Which of these helps a polar bear survive in its cold home? A) Bright colors B) Sharp teeth only C) A short tail D) Thick fur (1 mark)

Draw: Draw a creature that is perfectly adapted to live in a desert habitat. Give it a name and label two features that help it survive!



Extension challenge: Nova wants to know: If a local park was turned into a car park, what would happen to the worms and birds living there? Write three sentences explaining your thoughts.