

Nova's Nature Explorers: Living Things

Learning objective: To identify and describe the basic needs of animals, including humans, for survival (water, food, and air) and recognise that living things grow and reproduce.

Read each question carefully and use your knowledge of biology to answer. Think about what Nova the owl has taught us about the natural world!

Word bank: reproduce · nutrients · oxygen · habitat · survival · growth

1. Nova the owl needs three main things to stay healthy and survive in her woodland habitat. Name these three things. (3 marks)

2. Explain why living things need to reproduce. What does this process ensure for their species? (2 marks)

3. Bea the honeybee collects nectar from flowers. Is a flower a living thing or a non-living thing? Give one reason for your answer. (2 marks)

4. Max the monkey is comparing a puppy to a toy robot. The puppy will grow bigger, but the robot will not. Why does the puppy grow while the robot stays the same? (2 marks)

5. Look at these items: A stone, a fern, a goldfish, and a plastic bottle. List which of these are 'living' and which are 'non-living'. (2 marks)

Draw: Draw a life cycle of a plant or an animal, showing the stages of growth from a young stage to an adult stage.

A large, empty rectangular box with a thin black border, intended for a student to draw a life cycle of a plant or animal. The box is oriented horizontally and occupies a significant portion of the upper half of the page.

Extension challenge: Research a desert animal. Write a short paragraph explaining how it finds enough water to survive in such a dry habitat.