

Year 3 Science Assessment: Living Things and Their Habitats

Learning objective: To identify and describe the functions of different parts of flowering plants and understand the requirements for plant growth, as well as the classification of living things.

Read each question carefully. Write your answers clearly in the space provided. Remember to use your scientific vocabulary.

Nova the owl and Bea the honeybee are exploring the meadow. Bea visits a bright flower to collect nectar, while Nova looks at the tall trees and the small creatures hiding under the logs. They are learning about how plants grow and how animals live in their homes.

Word bank: roots · stem · leaves · flowers · nutrients · photosynthesis · habitat · vertebrate · invertebrate · germination

1. Name two things that a plant needs to grow healthily. (2 marks)

2. Bea the honeybee lands on a flower. Explain the job of the roots in a flowering plant. (2 marks)

3. What is the difference between a vertebrate and an invertebrate? Give one example of each. (4 marks)

4. Nova finds a beetle under a log. Why is the area under a log a good habitat for a beetle? (3 marks)

5. Describe the life cycle of a flowering plant. Start from a seed and explain how it becomes a mature plant. (4 marks)

6. Max the monkey has £5.00. He wants to buy three packets of seeds that cost £1.20 each. How much change will he get? Does he have enough money to buy a plant pot for £1.50 as well? Explain your reasoning. (5 marks)

Draw: Draw a flowering plant and label the following parts: root, stem, leaf, and flower.



Extension challenge: Total: /25. Challenge: Research one animal that lives in a local habitat. Write a short paragraph explaining why that animal is suited to live there.