

Exploring the Magnificent Moon-Flower

Learning objective: To identify and understand the structural features of a non-chronological report.

Read the report below about the rare Moon-Flower. Use the information to answer the questions that follow, paying close attention to how the text is organized.

The Moon-Flower (*Luna floris*) is a fascinating plant found deep within the Silver-Leaf Forests. It belongs to the rare 'Night-Bloom' family of flora. Unlike most plants, the Moon-Flower is strictly nocturnal, meaning it only opens its delicate, silver petals once the sun has set. A key characteristic of this plant is its natural bioluminescence; the petals glow with a soft blue light to attract night-time pollinators, such as the Star-Moth. To thrive, the Moon-Flower requires damp, mossy soil and cool temperatures. If you ever visit the forest at night, you might notice these flowers illuminating the path like tiny lanterns.

Word bank: Sub-heading · Classification · Habitat · Characteristic · Nocturnal · Bioluminescence · Diagram

- 1. Identify one sub-heading that could be added to this report to help organize the information about where the plant lives. (1 mark)**

- 2. Explain why the Moon-Flower is described as a 'nocturnal' plant based on the text provided. (2 marks)**

- 3. What is the purpose of the Moon-Flower's bioluminescence? Use evidence from the text to support your answer. (2 marks)**

- 4. Why do non-chronological reports often use sub-headings? Give one reason. (1 mark)**

- 5. If you were to buy a packet of Moon-Flower seeds for £3.50 and a bag of special mossy soil for £2.75, what would be the total cost? (2 marks)**

Draw: Draw a labelled diagram of the Moon-Flower. Include labels for the 'glowing petals', the 'sturdy stem', and the 'damp mossy soil' at the base.



Extension challenge: Nova the Owl wants to write a report about her favorite stars. Write a short paragraph for her report using at least three technical terms from the word bank.