

Nova's Springtime Nature Observation Log

Learning objective: To observe and record the life cycles and seasonal changes of living things during spring, as per the Grade 4 Science curriculum.

Join Nova the owl on an outdoor adventure! Visit your garden, a park, or a local woodland. Use this log to record your observations of how plants and animals are changing as the weather warms up. Write in full sentences and use your best scientific vocabulary.

Word bank: germination · lifecycle · pollination · blossom · environment · habitat · amphibian · deciduous

1. Plant Life: Describe a plant or flower you have found. What stage of its lifecycle is it in, and what evidence can you see (e.g., buds, flowers, or new leaves)? (3 marks)

2. Animal Activity: Have you spotted any insects, birds, or other animals? Describe what they are doing and how this behavior relates to the arrival of spring. (3 marks)

3. Environmental Conditions: How does the temperature or the amount of sunlight today affect the living things you have observed in this habitat? (3 marks)

4. The Cycle of Life: Based on your observations, why is spring such an important time for the growth and reproduction of living things? (3 marks)

5. Scientific Prediction: If you return to this same spot in two weeks' time, what specific changes do you expect to see in the plant you described in question 1? (2 marks)

Extension challenge: Choose one of the creatures you spotted and create a labelled diagram showing its lifecycle, explaining how it changes from birth to adulthood.