Seasonal Changes: Science Assessment

Learning objective: To identify, describe and observe the changes across the four seasons.

Read each question carefully. Use your best handwriting and check your spelling. Remember to think about what Nova the owl has taught us about the weather and nature!

Nova the owl lives in a large oak tree. She watches the forest change throughout the year. Sometimes the leaves are bright green, sometimes they turn orange and fall to the ground, and sometimes the branches are covered in snow. Nova notices that the days are long and warm in the middle of the year, but short and cold at the end of the year.

Word bank: Spring · Summer · Autumn · Winter · deciduous · evergreen · temperature

1. Name the four seasons of the year in the correct order, starting with Spring. (2 marks)

2. Nova notices that some trees lose their leaves in Autumn. What is the special name for these trees? (1 mark)

3. Look at the weather. How does the temperature change from Summer to Winter? Use the word 'cold' or 'warm' in your answer. (2 marks)

4. List two things you might see happening in nature during the Spring. (2 marks)

5. Why do we wear different clothes in Winter compared to Summer? Explain your answer using what you know about the weather. (3 marks)

6. Nova says the length of the day changes. Describe what happens to the amount of daylight as we move from Autumn into Winter. (3 marks)

7. Imagine you are Nova the owl. Write a short diary entry (about 3-5 sentences) describing what you see in the forest during Autumn. Mention the leaves, the temperature, and the daylight. (5 marks)

8. If you found a £2 coin on the ground in the forest, why would it be harder to find in Winter than in Summer? (4 marks)

9. Draw a picture in the box below showing a tree in two different seasons. Label which season is which. (3 marks)

Draw: Draw a tree in Summer on the left side of the box and the same tree in Winter on the right side of the box. Add details like leaves, fruit, or snow.

Extension challenge: Total: /25