



## Science Year Group Assessment Overview 2024-2025

Autumn 1

Autumn 2

Spring 1

Spring 2

Summer 1

Summer 2

**EYFS**

Observations and questioning throughout.

Activities and opportunities for children to name parts of a plant (orally and written), sequence the stages of plant/human/animal life cycle, children to sort clothes / weather with seasons, draw and record their own observations made whilst outside in the natural world.

**Willow**  
(Year 1 units)

**Changing Seasons**

Cut and stick four pictures of clothes needed for each season.  
Write a sentence about choices.

**Identifying Materials**

Test materials to find which one will absorb water best. Complete the report writing frame to show results.

**Comparing Materials**

Test a selection of materials and then use one to make a badge that will help drivers see them in the dark.  
Explain their choice.

**Types of Animals**

Complete a writing frame to report to aliens about the different animal groups on Earth.

**Parts of Animals**

Write the five senses and the body parts used. Complete the sentences about their favourite and least favourite smell.

**Plants**

Plant quiz 2- range of questions including labelling plant parts, ordering the growth process and identifying the best conditions for growth.

**Maple Class**  
(Year 2 units)

**Changing Shape**

Complete the writing frame to explain their material choices for different fairground rides.

**Uses of Materials**

Investigate three different materials for sports balls and record the findings on the investigation sheet.

**Living Things**

Write a letter to explain how animals including humans have a life cycle. Add a labelled life cycle for an animal of their choice.

**Habitats**

From a given scenario, choose an animal and write a description of their habitat, with reasons for identified features.

**Feeding and Exercise**

Draw and label a healthy meal for a TV cookery show. Add two sentences to explain what we need to eat and do to keep healthy.

**Growing Plants**

Write a letter to explain how to make an investigation fair. Include a prediction.

**Rowan and Beech**  
(Year 3 units)

**Movement and Feeding**

Draw and label diagram of a human skeleton. Identify the bones that provide protection and support movement.

**Magnets and Forces**

In groups, discuss and conduct a test to explore which surface increases the speed marbles travel.  
Record the results and write instructions for others to use.

**Rocks and soils**

Plan an investigation to show why water stays in a rock pool but not on the sand.  
Write a paragraph for an information book about properties of rocks.

**Light and shadows**

Investigate the best materials to form a shadow. Write an email to explain the findings and include how shadows are formed.

**What plants need**

Explain what plants need to keep a plant healthy. Plan an investigation to find out the best way to revive a wilted plant, including a prediction.

**Parts of plants**

In groups, children should discuss, plan and conduct a test to explore which seed is best at dispersing in different ways. Write a short report on the findings.

<p><b>Sycamore</b> <b>(Year 6 units)</b></p>	<p><b><u>Light and Sight</u></b></p> <p>Write a paragraph to explain why the Winter Olympic ski team need to wear sunglasses, using a diagram to show how the sun behaves when it hits the snow.</p>	<p><b><u>Changing Circuits</u></b></p> <p>Use equipment to investigate how to make a buzzer louder and a light dimmer. Write a report to present the results. Word bank given.</p>	<p><b><u>Our Bodies</u></b></p> <p>Write a paragraph to explain what the heart does and how it works. Include a diagram and additional tips for keeping healthy.</p>	<p><b><u>Evolution and Inheritance</u></b></p> <p>Research the evolution of peppered moths and complete the writing frame to share the findings. Complete this activity again using an animal of their own interest.</p>	<p><b><u>Classifying Living Things</u></b></p> <p>Using a given set of picture cards, write a set of instructions for a classification game. Include a set of answers with explanations why they make a pair.</p>	<p><b><u>Review and celebration</u></b></p> <p>Create a poster and presentation about one particular area of science, of their own choice.</p>
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This has been planned using Pearson's Science Bug scheme of work.