

Science Long-Term Overview 2026-27

Cherbourg Primary School

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
R	See Year R overview					
1	Seasons		Everyday materials	Animals Including Humans (Humans)	Plants	Animals Including Humans (Animals)
2	Materials		Animals Including Humans	Plants	Living Things and their Habitats	
3	Animals Including Humans	Rocks		Plants	Forces and Magnets	Light
4	States of Matter	Living Things and their Habitats	Animals including Humans	Sound		Electricity
5	Living things and their Habitats	Circulation	Properties and changes of Materials	Space and Gravity	Forces	Animals including Humans
6	Living things and their Habitats		Evolution and Inheritance		Light	Electricity

Longitudinal Long-Term Overview 2026-27

Cherbourg Primary School

1 lesson at the start of each half term

Year Group	Longitudinal Enquiry	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Which birds visit our school?	Introduce enquiry. Observe and identify common birds. Create simple tally charts.	Continue observations. Notice changes as weather becomes colder. Discuss food sources.	Observe winter birds and compare with autumn.	Look for returning birds and signs of spring.	Record increasing bird activity, nests or behaviour.	Compare observations across the year and identify patterns.
Year 1	What changes happen around us? (Seasons)	Observe early autumn changes in weather, trees and daylight.	Notice winter changes including temperature and clothing.	Identify signs of early spring including plants and animals.	Continue spring observations and compare with previous seasons.	Observe summer weather, plants and insects.	Review all seasonal changes and explain the yearly cycle.
Year 2	Does the time of year affect the growth of a tree?	Select and measure a tree. Record leaves, height (where appropriate) and appearance.	Observe leaf colour change and leaf fall.	Observe bare branches, buds or evergreen differences.	Measure new growth and record budding leaves.	Observe flowers, fruit or rapid growth.	Compare measurements and explain how the seasons affected the tree.

Year 3	How do the bugs and minibeasts change during the year?	Survey habitats and identify common minibeasts.	Compare numbers and species as temperatures fall.	Observe which minibeasts remain active during winter.	Record increasing activity in spring.	Compare habitats with greater biodiversity.	Analyse yearly trends and explain seasonal changes in animal activity.
Year 4	How do the seasons change how quickly a puddle disappears?	Measure evaporation time under autumn conditions.	Repeat investigation in colder, wetter weather.	Compare winter results and consider temperature, wind and sunlight.	Repeat during spring conditions.	Investigate during warmer weather.	Analyse data to explain how seasonal conditions affect evaporation.
Year 5	How do shadows change over different seasons?	Measure shadow lengths at the same time of day.	Repeat measurements and compare with autumn.	Observe winter shadows and relate to Sun's position.	Continue measurements as daylight increases.	Measure during late spring/early summer.	Compare yearly data and explain patterns using Earth's movement.
Year 6	What affects sound across our school?	Identify locations and measure sound levels at different times.	Repeat measurements, considering weather and school routines.	Compare indoor and outdoor sound levels in winter.	Investigate how different activities affect sound.	Repeat survey in warmer weather with more outdoor activity.	Analyse data to identify the main factors affecting sound levels across the school.