

Science Planning Overview

EYFS

EYFS Aspirations- These aspirations are tailored to the specific cohort and provides children with essential cross- curricular learning which is meaningful and embedded through active hand on exploration and observation. For example-
To Guide an adult through a Forest School session.
Includes **seasonal changes**, **Plants**. **Materials/changing state of matter**
Milestones 1- begin to make observations
Milestone 2-Make detailed observations and links
Milestone 3-Talk about changes observed over the year

Child- led through carefully resources and planned provision and Adult-led activities throughout the year encouraging End of year ELG expectations-
Understanding of the World
Explore the natural world around them, making observations and drawing pictures of **animals** and **plants**. Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class.
Understand some important processes and changes in the natural world around them, including the **seasons** and changing **states of matter**.

Class 2 (Year 1+2)

Cycle A Autumn 1	Cycle A Autumn 2	Cycle A Spring 1	Cycle A Spring 2	Cycle A Summer 1	Cycle A Summer 2
Identifying Animals	Seasonal Changes	Everyday Materials	Growth and Survival	Identifying Plants	Super Scientists (Food Hygiene)
Longitudinal study- What happens to the day length throughout the year across the seasons? Forest School- Making observations					
Cycle B Autumn 1	Cycle B Autumn 2	Cycle B Spring 1	Cycle B Spring 2	Cycle B Summer 1	Cycle B Summer 2
My Body	Seasonal Changes	Living things and their habitats	Exploring Everyday Materials	Growing Plants	Super Scientists (Disease/Germ prevention)

Longitudinal study- What happens to the trees throughout the year across the seasons? Forest School					
Class 3 (Years 3+4)					
Cycle A Autumn 1	Cycle A Autumn 2	Cycle A Spring 1	Cycle A Spring 2	Cycle A Summer 1	Cycle A Summer 2
Eating Digestion	Animals- Health & Movement	States of Matter	Forest School (Plant Focus)	Light and Shadow	Living Things and their Environments
Cycle B Autumn 1	Cycle B Autumn 2	Cycle B Spring 1	Cycle B Spring 2	Cycle B Summer 1	Cycle B Summer 2
Changing Sound	Circuits and Conductors	Rocks, Fossils and Soil	Forest School (Living things- Habitat focus)	Forces and Magnets	How Plants Grow
Class 4 (Years 5+6)					
Cycle A Autumn 1	Cycle A Autumn 2	Cycle A Spring 1	Cycle A Spring 2	Cycle A Summer 1	Cycle A Summer 2
Seeing Light	Properties and Changes of Materials	Earth & Space	Evolution and inheritance	Healthy Bodies	Forest School (Life cycle Plant focus)
Cycle B Autumn 1	Cycle B Autumn 2	Cycle B Spring 1	Cycle B Spring 2	Cycle B Summer 1	Cycle B Summer 2
Classifying Organisms	Changing Circuits	Life Cycles	Forces and Magnets	Changes and Reproduction	Forest School (Classifying organism focus)

Coverage
Plants
Animals, including Humans
Materials and States of Matter
Living Things and their Habitats
Forces
Light and Sound
Electricity
Earth and Space