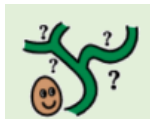


## SCIENCE Long Term Plan 2024 - 2025

### **EYFS - Cedar pathway**



Assessment classes - Early steps

Ladybird Dragonfly	Autumn		Spring		Summer	
	Colours	Traditional Tales	Weathers and Seasons	In the Garden	At the Zoo	People Who Help Us

### **Maple pathway**



Engagement Steps (Squirrel + Progression Steps as appropriate)

*Engagement focus*

*Individual SCERTS*

	Autumn	Spring	Summer
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<b>Grasshopper</b>	Investigating Senses	Noticing Connections	Experience - The 4 Seasons	Explore - What's in the soil?	Experience - Weather	Exploring Materials
<b>Rose</b>	What can I hear?	Is it dark in the woods?	Exploration	Planting Seeds	What are houses built from?	What lives in the park?
<b>Squirrel</b>	My Body	Lifecycles - Humans	Rocks - Buildings and Bricks	Hot and Cold	Astronauts!	Fossils and Shells

### Elm pathway



*Communication / Emotional regulation focus (SCERTS)*



	<b>Autumn</b>		<b>Spring</b>		<b>Summer</b>	
<b>Butterfly</b>	Melting and freezing	The Seasons	Where do animals live?	Planting seeds	Fossils	I can be a scientist!
<b>Daisy</b>	Melting, freezing and gases	Floating and sinking	Magnets	What materials are toys made of?	Plants by the sea	Life cycles
<b>Dormouse</b>	Light and Dark	States of Matter - is it a solid?	Animals and Humans - my body	Life cycles and human development	Different materials	Construction and forces

### Willow pathway



*Creative curriculum (Topic)*

	Autumn		Spring		Summer	
Caterpillar	The weather	Colours	Hot and Cold	Planting Vegetables	Animals and their Babies	Materials
Bumblebee	Pets and Gardens	Arctic Animals and habitats	Materials and their Purposes	Magnets	Planet Earth	What are castles made of? (rocks and bricks)
Bluebell	Healthy Bodies	Solids and Liquids. How does it melt?	What materials do we build with and why?	Floating and sinking	Stormy weather and rainbows	Animals of India
Poppy	Senses - Sound	Changing materials	Astronauts	What materials did the Tudors use?	Local Habitats	Exercise and our bodies
Deer	Stars and Space	Growing Plants	Light and Dark-	Properties of Everyday Materials	Life Cycles-	Uses of Everyday Materials
Otter	Stars and Space	Growing Plants	Light and Dark-	Properties of Everyday Materials	Life Cycles-	Uses of Everyday Materials

Hedgehog	Stars and Space	Growing Plants	Light and Dark-	Properties of Everyday Materials	Life Cycles-	Uses of Everyday Materials
Robin	Developing Independent Living Skills: Being Healthy (2)		Developing Community Participation Skills: Caring for the Environment (3)		Developing Independent Living Skills: Personal Care (2)	
Owl	Developing Independent Living Skills: Being Healthy (2)		Developing Community Participation Skills: Caring for the Environment (3)		Developing Independent Living Skills: Personal Care (2)	
<div><div>Oak pathway</div><div><div></div><div></div></div><div>Subject specific curriculum</div></div>						
<u>Sunflower</u>	How do we grow?	Electric lights	Tombs (including rocks)	Comparing plants	Testing materials	Why does it float?
<u>Daffodil</u>	My senses	Solids, Liquids and Gases	The Seasons Weather	Volcanoes	Plants	Magnets

<b><u>Rabbit</u></b>	Parts of Plants	Seasonal Changes	Everyday Materials	Animals including Humans	Rocks and Fossils	Light and Colour
<b><u>Badger</u></b>	Parts of plants	Seasonal changes	Everyday materials	Animals including humans	Rocks and fossils	Light and colour
<b><u>Fox</u></b>	Parts of plants	Seasonal changes	Everyday materials	Animals including Humans	Rocks and Fossils	Parts of plants
<b><u>Woodpecker</u></b>	Forces and Motion		Chemical Change		Space Physics	
<b><u>Hawk</u></b>	Forces and Motion		Chemical Change		Space Physics	