



# St Francis Church of England Primary School



Our vision, mission statement and values are at the core of everything we do. They underpin our teaching and learning, interactions and environment.

## Long-Term Plan – Subject Matrix – 2022/23

Subject	Identified Vertical Strands of Progression
	<p>Living things and their Habitats</p> <p>Animals Including Humans</p> <p>Plants</p> <p>Everyday materials</p> <p>Properties and changes of materials</p> <p>Forces and Magnets</p>



Electricity  
Light

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>	Sound materials – senses)	Animals Including Humans Growth – Change - Differences	Places Environments - Journeys	Time Seasons Day & Night	Consequences Weather rules	Plants Food – Farms - Health
<b>Year 1</b>	Seasonal changes How do seasons change? Physics	Everyday materials What am I made of? Physics	Animals Including Humans What are animals? Biology	Animals Including Humans What are humans? Biology	Plants How does your garden grow? Biology	Animals Including Humans What are our senses? Biology
	Science objectives that are ongoing throughout the year: <u>Observe and describe changes across the four seasons.</u> <u>Observe and describe weather associated with the seasons and how day length and temperature varies.</u>					
<b>Year 2</b>	Animals Including Humans How do animals survive? Biology	Living things and their Habitats What is a habitat? Biology	Plants What do plants need to grow? Biology	Living things and their Habitats What is a circle of life? Biology	Living things and their Habitats What is a micro- habitat? Biology	Everyday Materials How do different materials help us? Physics
	Science objectives that are ongoing throughout the year: <u>Observe living things in their habitats during different seasonal changes</u>					



<b>Year 3</b>	<b>Light</b> What is light and shadow? Physics	<b>Animals Including Humans</b> What's inside me? Biology	Rocks How are rocks and soils made? Chemistry	<b>Forces and Magnets</b> How do magnets work? Physics	<b>Plants</b> What is a plant? Biology	<b>Plants</b> Where do plants come from? Biology
<b>Year 4</b>	States of Matter How do we identify solids, liquids and gases? Chemistry	<b>Electricity</b> What is a circuit and how do they work? Physics	States of Matter How does it rain? Chemistry	<b>Animals Including Humans</b> Why do we poo? Biology	Sound How does sound travel? Physics	<b>Living things and their Habitats</b> How can we group living things? Biology
<b>Year 5</b>	<b>Properties and changes of materials</b> How can we classify materials? Chemistry	<b>Properties and changes of materials</b> Can you uncook an egg? Chemistry	Earth and Space How does the Earth's movement affect us? Physics	<b>Forces and Magnets</b> How do forces affect movement? Physics	<b>Living things and their Habitats</b> How do plants and animals change over time? Biology	<b>Animals Including Humans</b> What changes as we grow old? Biology
<b>Year 6</b>	<b>Electricity</b> How can we make bulbs brighter? Physics	<b>Living Things and their Habitats</b> How can we group and classify plants and animals? Biology	<b>Animals Including Humans</b> How is blood transported around the body? Biology	<b>Electricity</b> How can we use and interpret circuit diagrams? Physics	<b>Light</b> Why can't we see around corners? Physics	Evolution and Inheritance How have humans changed over time? Biology

Vertical Progression Key

Colour – Progression Strand