

# Emmanuel Holcombe CE Primary School



**Growing and learning through faith, family and friendship.**

## Science Overview

**Intent:** To stimulate the natural curiosity, knowledge and understanding of all children about the world they live in.

### Disciplines in Science at Emmanuel Holcombe

Disciplines in Science at Emmanuel Holcombe		
<u><b>Biology</b></u> Animals Including Humans Plants Living Things and Their Habitats Evolution and Inheritance	<u><b>Chemistry</b></u> Materials Rocks and Fossils States of Matter	<u><b>Physics</b></u> Earth and Space Forces and Magnets Light Sound Electricity

### Key Skills in Science at Emmanuel Holcombe

Key Skills in Science at Emmanuel Holcombe			
Identifying, classifying and grouping	Pattern Seeking	Observing over time	Comparative and fair testing

### Year A Science in Acorns: EYFS

	Autumn	Spring	Summer
<b>Unit</b>	Space	How to take care of animals	Plants
	The Season and Weather	Healthy Diet & Hygiene	Minibeasts

### Year B Science in Acorns: EYFS

	Autumn	Spring	Summer
<b>Unit</b>	Nocturnal Animals	Staying Healthy & Hygiene Plants	The Seasons and Weather Taking care of animals

### Year A Science in Willow: Year 1 & 2

	Autumn	Spring	Summer
<b>Unit</b>	<u>Everyday Materials (Chemistry)</u>	<u>Plants (Biology)</u>	<u>Animals Including Humans (Biology)</u>

### Year B Science in Willow: Year 1 & 2

	Autumn	Spring	Summer
<b>Unit</b>	<u>Living things and Their Habitats (Biology)</u>	<u>Animals Including Humans (Biology)</u>	<u>Plants (Biology)</u>  <u>Everyday Materials (Chemistry)</u>

### Year A Science in Beech: Year 3 & 4

	Autumn	Spring	Summer
<b>Unit</b>	<u>Rocks and Soils (Chemistry)</u>  <u>Sound (Physics)</u>	<u>Animals Including Humans (Biology)</u> (Skeletons, Teeth, Digestion)	<u>Living Things and Their Habitats (Biology)</u>

### Year B Science in Beech: Year 3 & 4

	Autumn	Spring	Summer
<b>Unit</b>	<u>Forces and Magnets (Physics)</u>  <u>Electricity (Physics)</u>	<u>Light (Physics)</u>  <u>States of Matter (Chemistry)</u>	<u>Nutrition (Biology)</u>  <u>Plants (Biology)</u>

### Year A Science in Oak: Year 5 & 6

	Autumn	Spring	Summer
<b>Unit</b>	<u>Living Things and Their Habitats (Biology)</u> <u>Forces (Physics)</u>	<u>Earth and Space (Physics)</u> <u>Materials and their properties (Chemistry)</u>	<u>Animals Including Humans (Biology)</u>

### Year B Science in Oak: Year 5 & 6

	Autumn	Spring	Summer
Unit	<u>Animals Including Humans (Biology)</u> <u>Electricity (Physics)</u>	<u>Light (Physics)</u> <u>Living Things and Their Habitats (Biology)</u>	<u>Evolution and inheritance (Biology)</u>