



St Barnabas

Church of England Primary Academy

A member of **CDARI**

Science Curriculum Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<p align="center">Understanding the World - ELG: The Natural World</p> <ul style="list-style-type: none"> 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. 					
Year 1	<p align="center">Observe plants throughout the year Observe seasonal changes (LIGHT & ASTRONOMY) throughout the year (including sunlight, weather and link with plants)</p>					
Year 1	<p>Animals: Basic Structure</p> <p>Seasonal Changes</p>	<p>Everyday Materials</p> <p>Identifying and classifying materials.</p>	<p>Everyday Materials.</p> <p>Experiments and investigations linked to material properties.</p>	<p>Plants</p> <p>This is the block. However, this should be ongoing as part of seasonal change.</p>	<p>Humans</p> <p>Emphasis on measuring body parts using non-standard units. . Present data in pictograms and bar charts.</p>	
Year 2	<p>Living things and their habitat (Focus on familiar and unfamiliar</p>	<p>Humans- Growth & Staying Healthy (Focus on the basic needs of</p>	<p>Uses of Everyday Materials (Focus on</p>	<p>Uses of Everyday Materials (Focus on their suitable</p>	<p>Plants (growing plants).</p>	<p>Animal survival and growth (focus on an</p>

	habitats and simple food chains).	survival, exercise, nutrition and recognising reproduction).	their suitable and unsuitable purposes).	and unsuitable purposes). Plants (growing plants)		animal's basic needs and reproduction).
Year 3	Light- Shadows and Reflective Surfaces	Animals and Humans- Health & Nutrition	Material properties- Rocks and Soils	Animals and Humans- Skeletons and Movement	Non-contact forces (magnets)	Plants- Functions of plant parts and growth
Year 4	Grouping and classifying living things Human impact	Electricity	Material properties and changes- solids, liquids and gases.	Teeth and digestion	Sound	Food Chains
Year 5	Material Changes-(reversible and irreversible changes).	Materials Properties-testing materials.	Light and Astronomy- Earth and Space	Forces- Friction and air resistance and mechanisms.	Living Things and Their Habitat- Observing Life Cycles	Human Life Cycles.
Year 6	Electricity	Animals inc Humans- Circulatory system and Exercise.	Light and Astronomy- How light travels.	Evolution and Inheritance (incl. adaptations, survival of the fittest, reproduction and passing on traits)	Living Things and Their Habitat- (classification including subdivisions for vertebrates and invertebrates)	5 units- Allowing for some units to be extended into the following half term for full coverage and in-depth learning.

