

"Love one another as Jesus loved us" (John 13 v 34-35)

St. John's C.E. (VA) School - Cliviger

'Learn, Pray, Care & Play'

Science Curriculum Overview

<u>Science</u>	<u>Aut 1</u>	<u>Aut 2</u>	<u>Spr 1</u>	<u>Spr 2</u>	<u>Sum 1</u>	<u>Sum 2</u>
<u>EYFS</u>	Our Bodies Autumn Marie Curie	Senses Winter	Materials/ Floating and Sinking Lonnie Johnson - Engineer	New life/ life cycles/ spring	Plants Cress	Animals/ Summer Plant lettuce to use in year 1
<u>Year 1</u>	Different animals including humans Improving green spaces Dr Charles Henry Turner – biologist	Seasonal changes Floating and sinking investigations DT George James Symons – meteorologist	Everyday Materials Plant baby carrots indoors – leaf shape	Everyday Materials Recycling and reusing materials	Identification of plants Structure of flowers/trees Seasonal change	Identification of plants Structure of flowers/trees Seasonal change
<u>Year 2</u>	Living things and their habitats	Plants Plant bulbs. Esther Lederberg – microbiologist	Materials Walter Hawkins – Inventor Grow your own food Bulb growth diaries	Performing simple tests gathering and recording data – materials Looking after planet earth	Living things and their habitats Materials	Animals including humans Harvesting and cooking Improving green spaces
<u>Year 3</u>	Sources of light and shadows	Animals including humans – skeletons and muscles Plant garlic Rocks and soils: water permeability and weather (recall of knowledge from previous unit)	Animals including humans – healthy humans Marie M.Daly - Chemist	Forces and magnets	Plants Conditions for growth Point of view of a bee	Rocks Florence Bascom – Geologist Harvesting garlic

Love-Trust-Hope-Joy-Forgiveness-Respect-Kindness-Truthfulness

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<u>Year 4</u>	States of matter (materials and changes)	Animals including humans – teeth, digestion, food chain Dame Elizabeth Anionwu	Sound	Electricity	States of matter (condensation, evaporation and the water cycle) Considering the impact on natural habitats	Living things in their habitats Joan Beauchamp Procter – Zoologist Protecting Animals in Danger
	Planter throughout the year – planting a wildflower meadow How do habitats change over time (mini bests/ plants/ growing plots) – this must be done each term					
<u>Year 5</u>	States of matter What happens to dirty water if we pass it through a homemade, natural filter?	Properties of materials Create bird boxes, observing bird box activity	Living things in their habitats Plant potatoes	Animals including humans Dame Anne McLaren - biologist	Forces	Earth and Space Zhang Heng
	Observe lifecycles of plants and animals in the local environment throughout the year					
<u>Year 6</u>	Living things and their habitats	Atlantic oceans – as habitats Sylvia Earle – Marine Biologist Plant cacti indoors	Electricity	Evolution and Inheritance Rosalind Frankland Plant broccoli indoors	Animals including humans (exercise, healthy lifestyle, circulatory system)	Light Stand along Climate change unit after SATs – 8 lessons