



### Science Overview and Long-Term Plan

Science at Woodsetton School is taught as a discrete core subject each week. Planning is based around 6 initial foundation units. There are planned opportunities to extend pupils experience, knowledge, vocabulary and skills within each cycle. Where appropriate, the whole school topic is utilised as a ‘hook’, allowing learning to be applied to different contexts over time. The DAPA science ladders allow teachers to plan for and assess academic (knowledge and skills) progression within each unit. Development and application of scientific vocabulary and language through exploration and investigation are also key factors in our science curriculum.

	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
Science Foundation Units	Ourselves Equals 1.2b	Light, Sound and Colour Equals 1.4a, 1.4c	Forces Equals 1.4b	The Plant Kingdom Equals 1.2a	Pets and Other Animals Equals 2.2c	Sorting Materials Equals 1.3a
Cycle A, D	My body including Senses <i>Turrets and Tiaras</i>	Colour, Light and Shadows <i>Special Celebrations</i>	Forces and Magnets <i>Magical Mayhem</i>	Helping Plants Grow <i>Eco-Warriors</i>	Animals and their Habitats <i>Out of Africa</i>	Characteristics of Materials <i>Eco-Warriors</i>
Cycle B, E	Growing and Changing	Circuits and Conductors	Machines and Mechanics inc. levers and pulleys	From Farm to Fork	Classification and Variation	Changing State
Cycle C, F	Keeping Healthy including Teeth and Eating	Earth, Sun and Moon	Magnetism	Seasonal Change	Life Cycles	Separating Materials inc. Rocks and soils