

Hoyle Court Primary School
Science
Long Term Plan



	Early Years	Year 1/2		Year 3/4		Year 5/6	
	Knowledge and Understanding of the World	Year A	Year B	Year A	Year B	Year A	Year B
Autumn 1	People, Culture and Communities <ul style="list-style-type: none"> Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps. The Natural World <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. 	AMAZING ME Y1 <i>Animals including humans</i> and Y2 <i>Animals including humans</i> : focus on our bodies and health	PEOPLE AND THEIR PETS Y1 <i>Animals including humans</i> and Y2 <i>Animals including humans</i> : focus on pets	MAGNETIC FUN AND GAMES Year 3 <i>Forces and Magnets</i>	THIS PLANET ROCKS Year 3 <i>Rocks</i>	ILLUSTRATING LIFE CYCLES Y5 <i>Living things and their habitats</i>	SPECIAL EFFECTS MATERIALS Y5 <i>Properties and changes of materials</i>
Autumn 2		WILD WEATHER Y1 <i>Seasonal changes</i>	WEATHER ART Y1 <i>Seasonal changes</i>	FIT FOR SUCCESS Year 3 <i>Animals including humans</i> : focus on food, nutrition, skeleton	SHINING THE LIGHT Year 3 <i>Light</i>	MATERIALS CONSULTANTS Y5 <i>Properties and changes of materials</i>	SPACE! Y5 <i>Earth and space</i>
Spring 1		BRILLIANT BUILDERS Y1 <i>Everyday materials</i> and Y2 <i>Uses of everyday materials</i> : focus on uses of materials including building	BRILLIANT BUILDERS Y1 <i>Everyday materials</i> and Y2 <i>Uses of everyday materials</i> : focus on comparing materials	A WORLD OF LIVING THINGS Year 4 <i>Living things and their habitats</i>	HABITAT HELPERS Year 4 <i>Animals including humans</i>	THE HUMAN SPECIES Y5 and Y6 <i>Animals including humans</i>	WELCOME TO FORCE-LAND Y5 <i>Forces</i>
Spring 2		GROWING THINGS Y1 and Y2 <i>Plants</i> : focus on needs of plants and growth	ART AND NATURE Y1 and Y2 <i>Plants</i> : focus on parts of flowering plants and trees	A FEAST OF FLOWERS, FRUITS AND SEEDS Year 3 <i>Plants</i> : focus on life cycles	GREATLY GREEN GROWERS Year 3 <i>Plants</i> : focus on plants and their needs and how they work	THEATRE LIGHTING TECHNICIANS Y6 <i>Light</i>	THE CLASSIFICATION CODE Y6 <i>Living things and their habitats</i>
Summer 1		WILD AND WONDERFUL CREATURES Y1 <i>Animals including humans</i> and Y2 <i>Animals including humans</i> : focus on wild animals/fish.	EXPLORING CHANGES Y1 <i>Everyday materials</i> and Y2 <i>Uses of everyday materials</i> : focus on change	WHAT'S THE MATTER? Year 4 <i>States of matter</i>	THE CIRCLE OF LIFE Year 4 <i>States of matter</i>	ELECTRIC ART Y6 <i>Electricity</i>	SURVIVAL OF THE FITTEST Y6 <i>Evolution and inheritance</i>
Summer 2		FOOD CHAINS Y2 <i>Living things and their habitats</i> : focus on food chains	HABITATS AND HOMES Y2 <i>Living things and their habitats</i> : focus on habitats	SOUNDS SPECTACULAR Year 4 <i>Sound</i>	ELECTRIC PERSONALITIES Year 4 <i>Electricity</i>	MEDICAL MANOEUVRES Integrated revision Could be taught as a science week Includes more Y5 and Y6 content on <i>Animals including humans</i>	SENSATIONAL SCIENCE Integrated revision Could be taught as a science week Includes more Y5 and Y6 content on <i>Properties and changes of materials</i>

Primary Science Teaching Trust

Pupils should have the opportunity to carry out practical investigations in science that help them to develop their scientific skills.

These skills are sometimes referred to as a cycle or 'PLAN, DO, REVIEW'.

Here we introduce seven science skills which children develop from ages 4 to 11 years:

- **asking questions**
- **making predictions**
- **setting up tests**
- **observing and measuring**
- **recording data**
- **interpreting and communicating results**
- **evaluating**

<https://pstt.org.uk/resources/curriculum-materials/enquiry-skills>

