

## Churchfields, the Village School - Science Long Term Plan

Please note that the units of work can be planned in any order through the designated year to fit with thematic learning where appropriate.

<b>KS1</b>	A	Everyday materials Y1	Forces exploration unit	Light exploration unit	Plants Names and structure Y1 Conditions for growing Y2	Habitats including simple food chains Y2 (Aquarium Trip)	OUTDOOR LEARNING Science trails resource book Some other examples Materials around school Vegetable plots Playground forces School Garden Garden Centre
	A/ B	Seasonal changes Y1 - weather, seasons, day and night, patterns, length of day					Weather watching Temperature records Seasonal walks
	B	My body Animals including humans Naming body parts Health and growth	Sound exploration unit	Uses and properties of everyday materials Y2		Animals including humans Naming body parts Y1 Health and growth Grouping and habitats Y2 (Little Zoo)	Healthy living – fitness trail Sound walk Farm/zoo/aquarium visit Pond School grounds

<b>Falcons</b>	<b>UKS 2 Nightingales</b>	A	Electricity Y4 Uses and how to wire a simple circuit	Light Y3 darkness, reflection, dangers and shadows	Forces and Magnetism Y3	Animals, including humans - What animals need to survive, movement and skeleton Y3	Living things in their habitats Classification of living things, plants and animals and conservation Y4	Shadows High viz signs Day length monitoring Human sundial FS area/grounds Pond	
		B	Humans Y4 Health Teeth and digestion Food chains	Sources of Sound Y4	Rocks including fossil formation and soil Y3 (Big Jurassic Coast, Wessex Archaeology)	Materials – states of matter particular attention to water Y4	Plants – requirements for growth, function of parts and life cycle Y3	Vegetable plots Water cycle Farm to Fork – Tesco Buildings trail around village	
	<b>UKS 2 Kestrels</b>	A	Electricity Y6 Series circuit	Light Y6 Appears to travel in straight lines as explanation for effects	Forces Y5 Gravity friction air resistance levers pulleys and gears		Living things in their habitats life cycles, reproduction, growth and old age Y5	Plants and environment Classifying  Evolution and inheritance Y6	Browns Folly – woods habitat Pulleys Levers gears outdoors Creating wildlife habitats Measuring out stopping distances
		B	Humans Y6 health Circulatory system and blood	Sound Y4 pitch	Earth in space Y5 (Sirius Astronomy)	Materials – changes and properties Changes that form new materials Y5	Living things in their habitats Classification Parts of plants, reproduction	Evolution and inheritance Y6	Fitness trail Churchyard and weathering Solar system- scaled to outside Garden flowers/plants Garden centre visit Farm shop meadow