



Christ Church CofE Primary School



Science Long-term Plan

	Autumn1	Autumn2	Spring1	Spring2	Summer1	Summer2
FS2 Y1	Animals including humans. - Identify a range of animals and know which are carnivores, herbivores and omnivores. Seasonal Changes →	Celebrations <i>-throughout the year</i>	Toys –know about the materials they are made from.		Plants –identify a variety of plants and know their basic structure.	
Y2	Animals including humans – know about their 'offspring'; basic needs; exercise, food and hygiene.		Living things and their habitats. – compare things living-dead-never been alive. Habitats providing what living things need.		Materials – identify common, everyday materials and find ways these can be changed.	Plants – describe how seeds and bulbs grow and what plants need.
Y3	Plants – functions of parts, requirements for growth, life cycles.	Rocks – types, how formed, soils.	Light –reflection, shadows.	Animals including humans - nutrition, skeleton, muscles.	Forces and magnets - poles: attract/repel.	Animals including humans. – nutrition, the skeleton and muscles.
Y4	Animals including humans - digestive system, teeth, food chains.	Animals including humans - digestive system, teeth, food chains.	Materials – solids, liquids, gases; temperature, evaporation, condensation.	Electricity – simple circuits; conductors and insulators.	Living things and their habitats - grouping living things, classification keys.	Sound –how sounds are made.
Y5	Living things and their habitats. -life cycles of different animals.	Animals including humans. –changes throughout the life-cycle.	Materials – the range of ways in which materials can change.	Materials (properties and changes – continued.)	Forces - gravity, air and water resistance.	Earth and space. - movement of planets in relation to the sun. Earth's



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		Materials – compare and group according to properties.				rotation.
Y6	Living things and their habitats. - Classification of all living things.	Electricity - the effects of varying a range of components in circuits.	Light - how light travels in straight lines; shadows; how we see.	Evolution and inheritance. - Fossils. Living things produce offspring and how these vary from their parents. How animals adapt to their environment – evolution.		Animals including humans. The circulatory system. Effects of diet, exercise and drugs.