

Alma Park Primary School – Long-Term Overview for Science

<u>Year Group</u>	<u>Autumn</u>		<u>Spring</u>		<u>Summer</u>	
EYFS	A range of opportunities and activities which develop: Understanding of the world – the natural world, life cycles, forces, materials Physical development – such as making healthy choices about diet, exercise, hygiene etc. Communication and language – such as understanding ‘why’ questions, explain how things work, using new vocabulary					
1	Everyday materials Focus: objects and materials	*Light Focus: sources and exploratory unit	Animals including humans Focus: common animals & parts and diet		*Forces Focus: exploratory unit	Plants Focus: wild and garden plants
	Seasonal Changes					
2	Uses of everyday materials Focus: materials for different uses	*Sound Focus: exploratory unit	Animals including humans Focus: growth, survival and health		Plants Focus: growing from seeds and bulbs	Living things and their habitats Focus: habitats, living and non-living and early food chains
3	Rocks Focus: rock types, fossils and soils	Light Focus: shadows and reflections	Forces and magnets Focus: movement and magnets	Plants Focus: parts of plants and growth	Animals, including humans Focus: food, diet, skeleton and muscles	
4	Animals, including humans Focus: digestion and teeth	Electricity Focus: circuits and components	States of matter Focus: solid, liquid and gases and the water cycle		Sound Focus: vibrations and volume	Living things and their habitats Focus: classification and human effects on the environment
5	Earth and space Focus: solar system and movement	Forces Focus: gravity, friction and machines	Properties and changes of materials Focus: compare different properties of materials	Light Focus: how light travels	Living things and their habitats Focus: life cycles and reproduction	Animals, including humans Focus: growth and development
6	Electricity	Living things	Animals	Sound	Changes to	Evolution

	Focus: changing circuits and symbols	and their habitats Focus: classification – plants, animals and microbes	including humans Focus: drawing and dissection	Focus: pitch	materials Focus: dissolving, reactions and separation	and inheritance Focus: evolution, adaptation and inheritance
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*Exploratory units can be blocked into 1/ 2 afternoon sessions and do not have to be taught across a full half-term.