

Science Cycle A

EY	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Studying our families and ourselves Autumn changes Leaf study Mud kitchen Washing hands – hand germ experiment with bread The effects of exercise on the body	Cooking – melting chocolate Fire / sparkler safety Bubbling magic potions Making dough Studying different leaves and twigs	Winter weather changes Studying frost, ice and snow Ice experiment – making ice, melting ice Gravity – rocket launching Thrust – bottle cap experiment	Easter / spring – changes (new life) Planting – re-growing potatoes Building and investigating a bug hotel Life cycles - chicks	Washing clothes without a washing machine Growing a rainbow – rainbow Planting and growing	The needs of a plant experiment Growing plants / sunflower competition, growing a bean in a jar Drawing plants and flowers Different transport design Balloon powered cars / rockets Make a boat that floats
Year 1 / 2	Living things and habitats		Animals including humans		Plants	Materials
Year 3 / 4	States of Matter Solids, liquids and gas (including the water cycle)		Animals including humans (teeth and digestive system)	Living things and their habitat	Electricity	Sound vibrations
Year 5 / 6	Electricity Symbols and diagrams	Light Light travels in straight lines	Animals including humans biology ecosystem	Living things and their habitat	Evolution and Inheritance	

Science Cycle B

EY	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Studying our families and ourselves Autumn changes Leaf study Mud kitchen Washing hands – hand germ experiment with bread The effects of exercise on the body	Cooking – melting chocolate Fire / sparkler safety Bubbling magic potions Making dough Studying different leaves and twigs	Winter weather changes Studying frost, ice and snow Ice experiment – making ice, melting ice Gravity – rocket launching Thrust – bottle cap experiment	Easter / spring – changes (new life) Planting – re-growing potatoes Building and investigating a bug hotel Life cycles - chicks	Washing clothes without a washing machine Growing a rainbow – rainbow Planting and growing	The needs of a plant experiment Growing plants / sunflower competition, growing a bean in a jar Drawing plants and flowers Different transport design Balloon powered cars / rockets Make a boat that floats
Year 1 / 2	Materials		Animals including humans		Plants	
Year 3 / 4	Light Shadows	Forces Magnets	Animals including humans (nutrition, skeleton and muscles)		Rocks and soils	Plants
Year 5 / 6	Forces Gravity and air resistance	Earth and Space	Animals and living things	Living things and habitats	Properties and changes in materials Dissolve and solution	