

### Science Cycle A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EY</b>	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 cycle of a caterpillar  Life cycles of chicks	Washing clothes without a washing machine  Different transport design- Balloon powered cars / rockets  This sinks & that floats - make a boat that floats  Growing a rainbow and storm in a jar  Growing plants / sunflower competition, growing a bean in a jar	The needs of a plant experiment  Growing plants / sunflower competition, growing a bean in a jar Drawing plants and flowers
<b>Year 1 / 2</b>	Living things and habitats		Animals including humans		Plants	Materials
<b>Year 3 / 4</b>	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
<b>Year 5 / 6</b>	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

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EY</b>	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 cycle of a caterpillar  Life cycles of chicks	Washing clothes without a washing machine  Different transport design- Balloon powered cars / rockets  This sinks & that floats - make a boat that floats  Growing a rainbow and storm in a jar  Growing plants / sunflower competition, growing a bean in a jar	The needs of a plant experiment  Growing plants / sunflower competition, growing a bean in a jar Drawing plants and flowers
<b>Year 1 / 2</b>	Materials		Animals including humans		Plants	
<b>Year 3 / 4</b>	Light Shadows	Forces Magnets	Animals including humans (nutrition, skeleton and muscles)		Rocks and soils	Plants
<b>Year 5 / 6</b>	Forces Gravity and air resistance	Earth and Space	Animals and living things	Living things and habitats	Properties and changes in materials	