

BRIMROD WHOLE SCHOOL SCIENCE OVERVIEW 2017-18

	Autumn 1 6 wks	Autumn 2 8 wks	Spring 1 6 wks	Spring 2 7 wks	Summer 1 5 wks	Summer 2 6 wks
Year 1	Animals (inc. Humans)	Seasonal Changes (Autumn/Winter)	Plants	Plants/Animals	Seasonal Changes (Spring/Summer)	Everyday Materials
Love 2 Investigate	<i>Can you leap like a frog? (3 wks) What can our hands do? (3 wks)</i>	<i>How do leaves change? (4 wks) How big is a raindrop? (4 wks)</i>	<i>Are all leaves the same? (3 wks) What's in a bud? (3 wks)</i>	<i>How do leaves change? (3 wks) What is camouflage for? (2 wks) What can you remember? (2 wks)</i>	<i>Do pine cones know it is raining? (3 wks) Does it snow in summer? (2 wks)</i>	<i>Can you be a superhero? (3 wks) How does it feel? (3 wks)</i>
Year 2	Materials	Materials	Animals (inc. Humans)	Living Things - Habitats	Living Things - Habitats	Plants
Love 2 Investigate	<i>To identify and compare the suitability of everyday materials. Which material is water proof? Can you find treasure?</i>	<i>Can water make music? Can solid materials change shape? Can you make a paper bridge?</i>	<i>How do germs spread? Why should I exercise? What is Life cycle of a ladybird?</i>	<i>Will it degrade? Where do worms like to live?</i>	<i>Do insects have a favourite colour? Do snails have noses?</i>	<i>How does grass grow? How do seeds and bulbs grow? Can seeds grow anywhere?</i>
Year 3	Plants	Animals (inc. Humans)	Light	Rocks	Forces and Magnets	Forces and Magnets
Love 2 Investigate	<i>Why are trees tall? (3 wks) + plant seeds. What are flowers for? (1 week) Do plants have legs? (2 wks)</i>	<i>What are our joints for? (3 wks) How do worms move? (2 wks) Which is the juiciest fruit? (3 wks)</i>	<i>Why do cat's eyes glow at night? (3 wks) Why do shadow's change? (2 wks) What are sunglasses for? (1 week)</i>	<i>What is sand? (2 wks) What is soil? (3 wks) How do fossils form? (2 wks)</i>	<i>What does friction do? (3 wks) Why do magnets attract and repel? (2 wks – making a compass)</i>	<i>Why do magnets attract and repel? (2 week) Can you block magnetism? (2 wks) How mighty are magnets? (2 wks)</i>
Year 4	Living Things - Habitats	Animals (inc. Humans)	States of Matter	States of Matter	Sound	Electricity
Love 2 Investigate	<i>Are all sea creatures the same (2 wks) Can worms sense danger (2 wks) Why does it flood (2 wks)</i>	<i>How does toothpaste affect teeth (3 wks) How did Vikings dye their clothes (Working scientifically)(2 wks) What is spit for (3 wks)</i>	<i>Are all liquids runny (3 wks) Is custard a liquid (3 wks)</i>	<i>How do smells get up your nose (3 wks) Where does water go? (3 wks)</i>	<i>Can we block sound (2 wks) How far can sound travel (3 wks)</i>	<i>What conducts electricity (2 wks) How do plugs work (2 wks) Can you make a circuit from playdough (2 wks)</i>
Year 5	Earth and Space	Materials	Materials	Living Things – Habitats	Forces	Animals (inc. Humans)
Love 2 Investigate	<i>Can we track the sun? (2 wks)</i>	<i>Which materials conduct heat? (1 week)</i>	<i>Keeping cool (2 wks) Brighter bulbs (2 wks)</i>	<i>Lifecycle of a mealworm (7 wks).</i>	<i>How do levers help us? (1 week) What do pulleys do? (1 week) Why are zip wires so fast? (2 wks)</i>	<i>Do we slow as we get older? (4 wks)</i>

	<i>How do we know the earth is round? (1 Week) How does the moon move? (2-3 wks)</i>	<i>Do all solids dissolve? (4 wks). Can you clean dirty water? (2 wks).</i>	<i>How do rockets lift off (2 wks)</i>		<i>Parachutes (1 week) Boat race (1 week)</i>	
Year 6	Electricity	Light	Light	Living Things – Habitats	Evolution	Animals (inc. Humans)
Love2Investigate	<i>Can fruit light a bulb?</i>	<i>Can you see through it?</i>	<i>How does light travel?</i>	<i>Why are things classified??</i>	<i>How does inheritance work?</i>	<i>What's in blood?</i>