



Luton St Nicholas Primary Academy



Science Curriculum Overview

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	Body Parts Exploring Senses	Naming Materials Exploring Floating and Sinking Exploring Light and Dark	Explore Changes in State with Materials	Exploring habitats Exploring Animals	Exploring and Growing Plants Exploring Life Cycles	Exploring Seasonal Changes Exploring Healthy Lifestyles
Reception Planting			Tomato – sow outside	Lettuce, Cress Tomato – sow outside Potatoes – sow outside	Pumpkins – sow outside Lettuce – sow outside	
Year 1 / 2 Cycle A	Animals including humans (1) <i>How do our bodies work?</i>	Animals including humans (1) <i>How can we group animals?</i>	Everyday Materials (1) <i>What do we mean by properties?</i>	Plants (2) <i>How do plants grow?</i>	Electricity and Light <i>How does electricity work?</i> <i>What is a light source?</i>	Everyday Materials (2) <i>How do materials change?</i>
	Seasonal Changes					
Year 1 / 2 Cycle B	Living things and their Habitats (2) <i>What lives where and why?</i>	Animals including humans (2) <i>How do humans grow?</i>	Living things and their Habitats (2) <i>How do food chains work?</i>	Plants (1) <i>Are all plants the same?</i>	Seasons (1) <i>What happens as seasons change?</i>	Everyday Materials (2) <i>How do properties help us understand purpose?</i>
	Seasonal Changes					
Year 1 / 2 Planting	Snowdrop / Crocus bulb planting Daffodill bulb planting		Sweet peas – sow indoors	Sweet peas – plant outside Radishes – sow outside Broad beans – plant outside Nigella – sow outside		
Year 3 / 4 Cycle A	States of Matter (4) <i>What is the difference between a solid, a liquid and a gas?</i>		Sound (4) <i>How does sound travel?</i>	Rocks and Soils (3) <i>Are all rocks the same?</i>	Animals including humans (3) <i>How do our muscles and skeleton work?</i>	Animals including humans (4) <i>What happens to the food we eat?</i>
Year 3 / 4 Cycle B	Electricity (4) <i>What is a circuit and how does it work?</i>	Animals including humans (3) <i>Why is nutrition and exercise important?</i>	Forces and magnets (3) <i>How do magnets work?</i>	Living things and their habitats (4) <i>How can we keep our habitats habitable?</i>	Plants (3) <i>What affects a plant's growth?</i>	Light (3) <i>How are shadows made?</i>
Year 3 / 4 Planting				Marigolds – sow outside Onions – sow outside	Sunflower – sow outside	
Year 5 / 6 Cycle A	Living Things and their habitats (6) <i>How do scientists classify plants and animals?</i>	Forces (5) <i>How do forces help us?</i>		Electricity (6) <i>How can we change a circuit?</i>	Animals including humans (6) <i>How does our circulatory system work?</i>	Living things and their habitats (5) <i>How do different animals' life cycles vary?</i>
Year 5 / 6 Cycle B	Properties and Changes of Materials (5) <i>Are all changes reversible?</i>		Earth and Space (5) <i>Why do we have day, night and different seasons?</i>	Light (6) <i>How does light travel?</i>	Evolution and Inheritance (6) <i>Why is adaptation helpful to humans and animals?</i>	Animals including humans (5) <i>How do children develop into adults?</i>