Lutton 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)** *How do our bodies work?*	**Everyday Materials (1)** *What do we mean by properties?*	**Everyday Materials (2)** *How do materials change?*	**Plants (2)** *How do plants grow?*	**Electricity and Light** *How does electricity work?*	**Animals including humans (1)** *How can we group animals?*
	Seasonal Changes					
Year 1 / 2 Cycle B	**Living things and their Habitats (2)** *What lives where and why?*	**Animals including humans (2)** *How do humans grow?*	**Living things and their Habitats (2)** *How do food chains work?*	**Plants (1)** *Are all plants the same?*	**Seasons (1)** *What happens as seasons change?*	**Everyday Materials (2)** *How do properties help us understand purpose?*
	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 Strawberries – sow outside		
Year 3 / 4 Cycle A	**States of Matter (4)** *What is the difference between a solid, a liquid and a gas?*		**Sound (4)** *How does sound travel?*	**Rocks and Soils (3)** *Are all rocks the same?*	**Animals including humans (3)** *How do our muscles and skeleton work?*	**Animals including humans (4)** *What happens to the food we eat?*
Year 3 / 4 Cycle B	**Electricity (4)** *What is a circuit and how does it work?*	**Animals including humans (3)** *Why is nutrition and exercise important?*	**Forces and magnets (3)** *How do magnets work?*	**Living things and their habitats (4)** *How do we classify animals?*	**Plants (3)** *What affects a plant's growth?*	**Light (3)** *How are shadows made?*
Year 3 / 4 Planting				Marigolds – sow outside Onions – sow outside	Sunflower – sow outside	
Year 5 / 6 Cycle A	**Living Things and their habitats (6)** *How do scientists classify plants and animals?*	**Electricity (6)** *How can we change a circuit?*	**Forces (5)** *How do forces help us?*		**Animals including humans (6)** *How does our circulatory system work?*	**Living things and their habitats (5)** *How do different animals' life cycles vary?*
Year 5 / 6 Cycle B	**Properties and Changes of Materials (5)** *Are all changes reversible?*		**Earth and Space (5)** *Why do we have day, night and different seasons?*	**Evolution and Inheritance (6)** *Why is adaptation helpful to humans and animals?*	**Light (6)** *How does light travel?*	**Animals including humans (5)** *How do children develop into adults?*