Science Breadth of Study Map

'Still other seed fell on good soil, where it produced a crop- a hundred, sixty or thirty times what was sown.' (Matthew 13 Verse 8)

Maple Class (Year 1 & 2)

Key-Stage 1	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A (2026-2027)	**Working Scientifically (Included in Every Unit of Work)**					
	Seasonal Changes Seasons and changes (Y1)	**Humans** Animals including humans 1- growth (Y2)	**Animals** Animals, including humans 2 - All about animals (animal groups) (Y1)	**Plants** Plants (seeds, bulbs, growth, life cycle) (Y2)	**Habitats** Living things and their habitats (microhabitats, food, food chains) (Y2)	**Materials** Exploring everyday materials 1 (identifying materials and their properties) (Y1)
B (2027-2028)	**Working Scientifically (Included in Every Unit of Work)**					
	Humans Animals, including humans 1 - All about me (body parts and senses) (Y1)	**Materials** Exploring everyday materials 2 (design, building, application of skills) (Y1)	**Animals including Humans** Animals including humans 2-life cycles (Y2)	**Habitats** Living things and their habitats 2 – habitats around the world (Y2)	**Plants** Plants (seeds, parts, growth) (Y1)	**Materials** Uses of everyday materials (Y2)

Sycamore Class (Year 3 & 4)

Lower Key-Stage 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A (2026-2027)	**Working Scientifically (Included in Every Unit of Work)**					
	Scientific Enquiry (Y3)	**Animals including Humans** Food, skeletons and muscles. (Y3)	**Rocks** (Y3)	**States of Matter** (Y4)	**Living Things and Their Habitats** Conservation (Y4)	**Sound** (Y4)
B (2027-2028)	**Working Scientifically (Included in Every Unit of Work)**					
	Forces & Magnets (Y3)	**Animals, including Humans** Digestion, food chains and webs. (Y4)	**Light** (Y3)	**Living Things and Their Habitats** Habitats and classification (Y4)	**Plants** Growth, parts, pollination. (Y3)	**Electricity** (Y4)

Oak Class (Year 5 & 6)

Upper Key-Stage 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A (2024-2025)	**Working Scientifically (Included in Every Unit of Work)**					
	Electricity (1) All National Curriculum Objectives Relating to Electricity (Lower KS 2 and Upper KS 2) *NB: Electrical Systems are also covered in the DT curriculum in Lower Key-Stage 2.*	**Properties & Changes of Materials** Focus: Comparing & Grouping Materials Based on Properties (Including Electrical and Thermal).	**Forces** All National Curriculum Objectives Relating to Forces.	**Animals, including Humans** Human Circulatory System.	**Evolution & Inheritance** All National Curriculum Objectives Relating to Evolution & Inheritance.	**Animals including Humans** Focus: Describe the ways in which Nutrients and Water are Transported within Animals including Humans.
B (2025-2026)	**Working Scientifically (Included in Every Unit of Work)**					
	Living things and their Habitats All National Curriculum Objectives Relating to Living Things and their Habitats (Life Cycles & Reproduction)	**Properties & Changes of Materials** Focus: Solutions and Separations & Reversible and Irreversible Changes.	**Earth & Space** All National Curriculum Objectives Relating to Earth & Space.	**Living things and their Habitats** Focus: Classification & Reasons.	**Light including Eyes** All National Curriculum Objectives Relating to Light.	**Electricity (2)** All National Curriculum Objectives Relating to Electricity (Lower KS 2 and Upper KS 2).

NB: Animals, including Humans (Human Life Cycle) objectives are covered in the RSE Curriculum.

NB: Animals, including Humans (Diet, Exercise, Drugs & Lifestyle) objectives are covered in the RSE Curriculum.