



St John with St Michael CE Primary School

Science Overview 2022-23



Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery/Reception Cycle A	The Season Autumn Healthy Me – Humans	The Season Winter Animals' hibernation	Space	The Season Spring Introduce Plants and lifecycles – changes	Forces – including floating, sinking and movement	The Season Summer Changes in states of matter
Nursery/Reception Cycle B	The Season Autumn Introduce The Human Body	The Season Winter Forces	Materials – including properties and changes	The Season Spring Animals	Space	The Season Summer Plants and lifecycles – insects/amphibians
Year 1/2 Cycle A	Living Things and Their Habitats (Biology)	Seasonal Changes and the Weather Observations Changes (Physics)	Introduce Animals Including Humans Body parts and common animals (Biology)	Animal Including Humans Growth and Survival (Biology)	Introduce Plants Common, Wild and Garden Plants (Biology) Revisited	Growing Plants and What they need to grow Healthy (Biology) Revisited
Year 1/2 Cycle B	Introduce Everyday Materials Simple Properties (Chemistry)	Living Things and Their Habitats (Biology)	Materials Identify and compare the suitability of everyday objects (Chemistry)	Seasonal Changes and the Weather Observations Changes (Physics)	Introduce Plants Common, Wild and Garden Plants (Biology) Revisited	Growing Plants and What they need to grow Healthy (Biology). Revisited
Year 3/4 Cycle A	Rocks, Fossils & Soils (Chemistry)	Forces & Magnets (Physics)	Animal Including Humans Health and Movement (Biology)	Light and Shadows (Physics)	Animal Including Humans Digestive System, Teeth and Food Chains (Biology)	Plants Functions of different parts of a flowering plant. (Biology)
Year 3/4 Cycle B	Sound Changing Sound (Physics)	Living Things & Habitats. Grouping animals (Biology)	States of Matter Changing State (Chemistry)	Electricity Simple Circuits (Physics)	States of Matter - Water Cycle (Chemistry)	Living Things & Habitats Living Environments Classifications revisit* (Biology)
Year 5/6 Cycle A	Earth & Space The relationship between the Earth, Sun and Moon (Physics)	Properties and Changes of Materials Including Reversible and Irreversible Changes. (Chemistry)	Living Things & Habitats All living things Life Cycles (Biology)	Forces B Gravity, Water Resistance, Air Resistance and Friction. (Physics)	Living Things & Habitats Classification of Organisms (Biology)	Light How Light Travels, Reflection, Refraction and Dispersion (Physics)
Year 5/6 Cycle B	Animal Including Humans Changes (Biology)	Electricity Changing Circuits (Physics)	Animal Including Humans Circulatory Cycle, water and nutrients In the body (Biology)	Evolution & Inheritance Living things Produce Offspring Rocks revisit* (Biology)	Animal Including Humans Healthy bodies (Biology)	Sound <i>Unit Revisit</i> (Physics)