Science

Long term planning objectives



At St Aloysius, our exceptional education is ambitious; we hold high expectations for all of our pupils and learning is clearly sequenced to ensure that they leave our school fully prepared for the opportunities and challenges they may face in their future and in all they aspire to do. We foster a love of learning, where pupils mature into enthusiastic, resilient learners. Our broad and balanced curriculum is planned to enable progression in key knowledge and subject specific skills from Early Years all the way through to Year 6. Content is sequenced to ensure that component knowledge leads to conceptual understanding; pupils are encouraged to make connections across year groups and subjects, therefore enabling them to think more deeply and interrogate subject matter. Key threshold concepts are woven through subjects to allow pupils to make meaningful links between current learning and that which came before. We provide pupils with regular opportunities to retrieve and recall prior learning, thus committing learning to their long-term memory.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	All About Me	Celebrations	Superheroes	Growing	Our World and Beyond	Holiday Time
Reception	Magnificent Me	Home Sweet Home	People Who Help Us	A Bug's Life	Up, Up and Away	At The Seaside
Year 1	Everyday Materials – Unit 1	Earth and Space – Unit 1	Animals including Humans – Unit 1	Plants – Unit 1	Movement and Forces – Unit 1	Consolidation opportunities
Year 2	Uses of Everyday Materials – Unit 2	Living Things and Habitats – Unit 1	Animals including Humans – Unit 2	Plants – Unit 2	Electricity – Unit 1	Consolidation opportunities
Year 3	Animals including Humans – Unit 1	Forces and Magnets— Unit 2	Light – Unit 1	Plants – Unit 3	Rocks – Unit 1	Consolidation opportunities
Year 4	Materials: States of Matter – Unit 3	Electricity – Unit 2	Living things and Habitats – Unit 2	Animals including Humans – Unit 4	Sound – Unit 1	Consolidation opportunities
Year 5	Earth and Space – Unit 2	Property and Changes of Materials – Unit 4	Animals including Humans – Unit 5	Forces – Unit 3	Living Things – Unit 3	Sound and Hearing – Unit 2
Year 6	Living Things and Habitats – Unit 4	Light – Unit 2	Animals including Humans – Unit 6	Evolution and Inheritance – Unit 1	Electricity – Unit 3	Consolidation opportunities

