



Science LTP 2021-2022



At St Patrick's, our science curriculum aims to stimulate pupils' interest in scientific phenomena and to foster a sense of awe and wonder. Through outstanding teaching and learning, we bring a tangible sense of excitement to our science lessons. Meaningful investigations and enquiry are the core of every child's learning. We want our children not only to access science in school, but to engage in real-life science at home and in the community, through linking with local colleges, universities and museums, and by inspiring our parents and guardians with parent-learning opportunities, family science trips and regular science homework. As such, we have left space in our curriculum for science trips, visitors and out of class. Opportunities as well as classroom-based science lessons. Ultimately, St Patrick's science curriculum aims to develop ambitious aspirations, through excellent teaching and learning, where every child knows that they are a scientist!

	Autumn		Spring		Summer	
Nursery	Seasonal Changes					
	Exploring forces	Exploring light and electricity	Exploring materials including changes	Exploring seeds and butterfly life cycle	Exploring plants and bird life cycle	Awareness of our health and senses
Reception	Seasonal Changes					
	Investigating forces	Investigating light and electricity	Investigating materials including changes	Investigating seeds and butterfly life cycle	Investigating plants and bird life cycle	Understanding of our health and senses
Year 1	Seasonal Change and Weather (6 weeks across the year)					
	Every day materials (10 weeks)		Animals inc humans (10 weeks)		Plants (10 weeks)	
Year 2	Uses of everyday materials (10 weeks)		Living things and their habitats (11 weeks)		Plants (6 weeks)	Animals inc humans (7 weeks)
Year 3	Forces and magnets (7 weeks)	Light (7 weeks)	Rocks (9 weeks)		Animals inc humans (7 weeks)	Plants (6 weeks)
Year 4	Electricity (7 weeks)	Sound (7 weeks)	States of matter (7 weeks)	Animals inc humans (6 weeks)	Living things and their habitats (9 weeks)	
Year 5	Forces (7 weeks)	Earth and Space (6 weeks)	Properties and changes of materials (11 weeks)		Living things and habitats (7 weeks)	Animals inc humans (6 weeks)
Year 6	Electricity (7 weeks)	Light (7 weeks)	Living things and their habitats (7 weeks)	Evolution and inheritance (7 weeks)		Animals including humans (7 weeks)