

What does the coverage of science look like at Stanwick?



2023-2024

At Stanwick Primary, all key stages the Science curriculum has been carefully designed, planned and sequenced using our scheme, Curriculum Maestro, to ensure all four strands of the Science curriculum are progressive, engaging and provide a thematic approach to learning that is mapped to ensure comprehensive coverage of national expectations, whilst providing a wide range of experiences and opportunities for our pupils, that allows them to thrive and prepares them for life beyond the primary years. This is supported using outdoor learning and opportunities that sit outside of the expectations of the curriculum. We set up an environment in which our children can achieve their potential within a curriculum that has been designed to inspire them, whilst encouraging a level of respect and care for the rest of the community. This encompasses clear teaching of our school values, where there is a high expectation that all children uphold these and demonstrate them at all times. We teach the projects in a block to ensure immersion in the subject. This allows our children to have a greater retention of learning across topics taught throughout their time at Stanwick.

At Stanwick Primary we:

- Provide an inclusive education for ALL pupils within the school, providing challenge and support that is appropriate for each child. At times, this may look different to the learning taking place for much of the class but is tailored and suitable for the learning of the individual.
- Provide a curriculum that teaches pupils skills and knowledge and is built upon in each year group to ensure small steps are taken to secure knowledge of the primary curriculum by the end of year 6.
- Consider prior learning of pupils, whilst also acknowledging their future learning that will take place to ensure content delivers challenging and inspiring content, that provides a range of opportunity and experiences throughout the primary years.
- Deliver lessons that use high-quality structures and resources that promote a love of learning and interest within the topics taught. The teaching of our subjects across the curriculum. The subjects within our school are taught discretely across the curriculum in order to provide pupils with the full knowledge of each topic and builds on the learning from previous topics or year group learning. Subjects are blocked throughout the year for each year group in order to meeting the expectations of the National Curriculum, whilst providing learning opportunities that immerse the pupils in each of the topics through the use of small steps that have been carefully sequenced to support pupil retention of knowledge.

The curriculum at Stanwick Primary delivers a knowledge-rich curriculum that is broad and balanced to meet the expectation of the National Curriculum Programmes of Study for each year group. The expectations of the National Curriculum are broken down within our curriculum in order to provide small step teaching to the pupils across the school to enable them to gain the knowledge and skills needed to make progress through the primary curriculum and be prepared to access their learning when moving onto secondary school and beyond. Each subject has clear documentation that outlines the knowledge and skills taught at each of these steps to support this to be achieved and provide pupils with a challenging and ambitious curriculum.

The wider curriculum subjects at Stanwick Primary are taught through topics in each year group and change termly. Pupils from years 1 to 6 have three overarching topics taught each academic year, with smaller projects taught within this to ensure secure knowledge across the whole curriculum is gained by the time pupils leave their primary years.

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS	Me and my community	Marvellous Machines	Long Ago	Dangerous Dinosaurs	Big wide world	Sunshine and Sunflowers
Yellow = first 3 weeks	Let's explore	Starry night	Once upon a time	Ready Steady grow	Animal Safari	On the beach
Blue = next 3 weeks						
Year 1	Everyday materials (12)	Human senses (12)	Seasonal changes (20)		Plant Parts (13)	Animal Parts (12)
	Human survival (13)	Habitats (12)	Uses of materials (12)	Plant survival (10)	Animal survival (16)	
Year 3	Animal nutrition and the Skeleton system (13)		Forces and magnets (16)		Plant nutrition and reproduction (15)	Light and shadows (14)
Year 4	Food and the digestive system (12)	Sound (12)	States of matter (13)	Grouping and classifying (14)	Electrical circuit and conductors (18)	
Year 5	Forces and mechanisms (16)	Earth and Space (12)	Human reproduction and aging (18)		Properties and changing materials (21)	
Year 6	Circulatory system (15)		Electrical circuits and components (14)		Light theory (14)	Evolution and inheritance (12)