



Science at Tittensor First School

Policy – September 2024
to be reviewed: September 2026



'Science is simply the word we use to describe a method of organising our curiosity.'

- Tim Minchin

Rationale – Why do we teach Science?

Science is a vital part of our broad and balanced curriculum. We aim to instil a love of Science, as we believe that those who enjoy the curiosity within Science have a greater range of opportunities to develop culturally, emotionally, intellectually, socially and spiritually. As part of our mastery approach to teaching and learning, all children are continually exposed to a range of challenging and deeper-thinking lines of enquiry, as we endeavour to enhance their understanding and develop higher-level thinking and questions. Through Science, we learn how to develop both questioning and curiosity, in addition to the development of our imagination. Scientific enquiry and investigation allows children to develop a greater understanding of the wider world and apply their skills to fuel their curiosity.

What are the aims of the Science curriculum?

At Tittensor, our principal goal for Science is to promote a broad learning experience within both scientific knowledge and enquiry by ensuring that children are provided with ample opportunity to explore the wider world and ultimately, become inquisitive learners. We strive to do this from EYFS until their journey into higher education, ensuring that all children are prepared for the wider world and understand the vital part that Science plays in their life-long journey. We endeavour to create a range of positive and engaging scientific experiences, allowing children to develop both their understanding and love for Science.

What do we expect within the teaching of Science?

At Tittensor, we expect that all teachers fully engage with the Science curriculum. Teachers are expected to teach at least one lesson per week for a minimum of 1.5 hours, giving children the opportunity to develop as scientific thinkers. Teachers are to plan and offer equal access to the science curriculum and the practical activities that allow the children to garner a love and curiosity for the subject. Irrespective of gender, learning ability, physical disability or ethnicity, all children are provided with an opportunity to access the whole curriculum and make the greatest possible progress for them, as individual learners. Where appropriate work will be adapted to meet children's needs and, if appropriate, extra support given. More able pupils will be given suitably challenging activities. Teachers are to relate learning of science to real life applications, the 'why' we are investigating or learning a particular topic. Learning is contextualised for all children. All data and assessment is recorded and stored on DCPro for monitoring and evidence purposes.

What is taught in Science at Tittensor?

Focus/Unit	Nur	Rec	Y1	Y2	Y3	Y4
Rocks					✓	
Everyday Materials	✓	✓	✓	✓		
States of matter						✓
Light					✓	
Sound						✓
Forces and magnets					✓	
Seasonal changes	✓	✓	✓			
Animals, including humans	✓	✓	✓	✓	✓	✓
Living things and their habitats	✓	✓		✓		✓
Electricity						
Plants	✓	✓	✓	✓	✓	