



Science

Tittensor CE (VC) First School

The Intent, Implementation and Impact of our Curriculum

Intent

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.

Implementation

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.

Impact

Our science curriculum, which is continually being reviewed and improved, is high quality, well thought out and is planned to demonstrate progression in the children's skills and knowledge. In addition, we measure the impact of our curriculum through the following methods:

- Assessments of standards achieved against the planned outcomes. All data and assessment is recorded and stored onDCPro for monitoring and evidence purposes.
- A celebration of learning for each term
- Pupil discussions about their learning.

The impact of our curriculum will also be measured by how effectively it helps our pupils develop into well rounded individuals who embody our values and carry with them the knowledge, skills, and attitudes which will make them lifelong learners and valuable future citizens. We endeavour to have our school's core values embedded and utilised. These are: *Love, Faith, Hope*. When children leave Tittensor, they are ready for their journey to Middle school with good attitudes towards learning.