

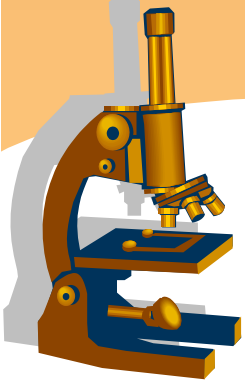


Gentleshaw Science Vision

We are committed to offering the four E'S -

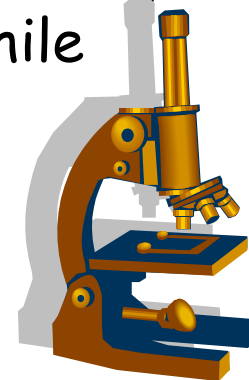
* ***Explore, Engage, Enquire and Explain***

We are determined to inspire all children to become critical thinkers, questioning the world around them and enabling them to explore and discover through active and practical Science activities and enquiry.



Gentleshaw Curriculum Statement

- * Our aim at Gentleshaw is to establish a Science Curriculum that will instil a love of investigating, asking why and a need to find an answer. We recognise that Science is a core subject and we want to ensure that children gain a wide range of experiences through exploration, discovery and collaboration. Working scientifically is a key part of our Science Curriculum which enables children to develop the essential skills needed to successfully plan, carry out and use scientific theories and ideas. Children are consistently encouraged and taught to question and discuss while learning about all aspects of Science.

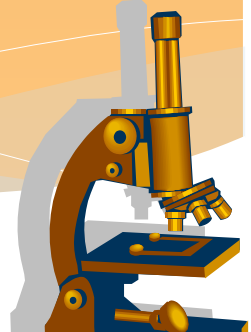




Gentleshaw Science Curriculum

Our Science Curriculum

Each year group are provided with Science based topics which have statutory learning objectives that have to be taught within school. Through our carefully planned topics and lessons children are taught to investigate, alongside the learning of scientific vocabulary and the science knowledge behind an investigation. We ensure that children don't just remember the experiment but understand the knowledge behind their activity and can explain their learning through drawings, discussion and their written work. We make sure that our planning and lessons are progressive and that knowledge is revisited and built upon ensuring children having the adequate skills to help with further enquiries throughout their school lives.





Gentleshaw Principles

- * Pupils have engaging and stimulating science lessons which inspire them .
- * Pupils have the opportunity to question and reflect upon their learning .
- * Pupils are challenged to develop key scientific keys and vocabulary which broadens their understanding .
- * Pupils are encouraged to explore the world around them and build on their prior knowledge and forge cross-curricular links .
- * Pupils have practical hands-on experience of working in a range of scientific methods.
- * We use our incredible outdoor spaces to enhance our learning.
- * Children have the chance to apply their science learning to real-life experiences making science meaningful and building their Science Capital.
- * Pupils have the chance to be independent and lead their own learning.
- * Pupils have the chance to foster their natural curiosity and use a range of scientific strategies to explore.
- * Pupils can pose questions and use discussion to develop their ideas and understanding.
- * Pupils can engage with the wider school community and share their learning with others.
- * Pupils are challenged appropriately at the correct level to ensure progression throughout the school.
- * The importance of Science is evident throughout the whole school.
- * To ensure experiments are planned and carried out safely.

