

Science Intent



WOOORE PRIMARY & NURSERY SCHOOL

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The fundamental purpose of our Science curriculum is to ensure our children develop an understanding of the world around them through the three main strands of Science (Biology, Chemistry and Physics). Our children will understand how science and the world around them link to their lives and their futures. We aim to develop the scientific knowledge, skills, methods and processes within Science for all of our children at an appropriate level. They will be taught to understand how Science is used in everyday life now and in the future and its implications. Children will be given opportunities to explain what is occurring, predict what might happen and investigate causes.

Through our Science curriculum, we will aim to encourage children's curiosity and sense of awe and wonder about the world through memorable, hands-on experiences in a range of contexts. We feel that by doing this, our children will have the opportunity to embed and deepen their knowledge and skills across the Science curriculum.

The programme of study will:

- Describe a sequence of knowledge and concepts
- Develop a secure understanding of each unit of work
- Ensure progress is made so children are ready for the next stage of their learning journey
- Describe associated processes and key characteristics in common language
- Use technical and specialist terminology accurately and precisely
- Use their mathematical knowledge to support their scientific enquiries (collecting, presenting, analysing data)