



Science Curriculum Statement

Intent

At Woolhampton school, we aim to offer children the opportunity to discover and grow their understanding of the world they are living in. Science should be something that starts with a 'WOW' moment and is instantly engaging, with children finding the exploration of science irresistible, fascinating and inspiring awe and wonder. We are dedicated in providing high quality science teaching, ensuring children have a strong grasp on the 'big questions' posed by science and that they develop the scientific methods, skills and processes to enable these to be explored. We aim to provide a hands-on approach to scientific discovery, enhanced by a wide range of resources and supported by specialist visitors, school trips and experiences. We intend for all our pupils to see themselves as scientists and understand the roles that scientists play in all our lives. We teach with the hope that we can inspire this generation to become the scientists of the future.

Implementation

At Woolhampton, the Science curriculum consists of:

- Dedicated science lessons taught every term, that allow children to progressively develop their science knowledge and skills. Children will receive a science lesson each week. Lessons may be 'blocked' so that they are taught in more intensive units, particularly hands on lessons.
- Inspiring lessons, linked to Topics where relevant and meaningful, which have been carefully planned to provide coverage of the full range of science skills, as well as ensuring curriculum knowledge.
- High quality teaching that follows the 'whole school progressive plan'. This plan ensures that the children cover all the National Curriculum objectives and that each year, learning builds on the knowledge and skills developed in previous years.
- Learning will be inclusive and enable all children, including those with SEND, to make progress, differentiating by support, pre-teaching and mixed ability groups.
- Recognising the influence of cultural capital of the children and teaching to enhance this through experience days, trips and visitors.
- Recognising the importance of cultural and ethnic diversity and how this relates to science.
- Engaging displays celebrating the success of every child and demonstrating their scientific knowledge and achievements.

Impact

We strive to ensure that our children's attainment is in line with or exceeds their potential when we consider the varied starting points of all our children. We measure the children's attainment using a combination of summative and teacher assessment. The impact of the teaching is reviewed through regular internal moderation, and monitoring of books and learning environments. Our intention is that our Science curriculum will ensure our pupils are academically prepared for life beyond primary school and throughout their educational journey.