

Science

At Wolsey House Primary School, Science is coherently planned and sequenced to ensure all pupils receive a well-balanced, broad and ambitious curriculum. The curriculum has been designed and developed to be fully inclusive for all pupils with: special educational needs and/or disabilities, English as an additional language and all children who may face additional challenges. To support this, we follow the **White Rose Science** scheme of work, a comprehensive, progressive programme acquiring specific skills and knowledge to help them think scientifically about the world around us.

In Science at Wolsey House Primary School we aim to...

- Encourage children to be inquisitive throughout their time at the school by fostering their curiosity. We give the children the opportunity to ask questions, investigate practically and explain concepts.
- Provide children the opportunity to develop their investigative skills, and teach them how to use these through practical science both inside and outside the classroom. Effective use is made of resources such as our forest area.
- Encourage our children to think about a career in science by promoting science based fields of work through our partnership with the Space centre and our annual science fair.



In Science at Wolsey House Primary School we aspire to achieve our aims by...

- Science is taught in themes through a "Big question". This strategy enables the achievement of a greater depth of knowledge. Through our planning, we involve problem solving opportunities that allow children to find out for themselves. Children are encouraged to ask their own questions and be given opportunities to use their scientific skills and research to discover the answers.

At Wolsey House Primary School we know that we have achieved our aims by...

Tailored, Inclusive Teaching: Lessons are based on a strong foundation the children acquire withing the foundation stage, whereby they learn about the world around us. As the children move through each key stage, their knowledge and skills is built upon in a progressive manner. We encourage the children to be inquisitive throughout their time at the school by fostering their curiosity. We give the children the opportunity to ask questions, investigate practically and explain concepts.

Broad Enrichment Opportunities: We have strong partnerships with some external agencies, in particular the Space Centre. Through these partnerships, we have had afterschool clubs, days out for families to explore the space centre and allowed children to aspire to pursue a scientific career in the future.

Targeted Support for Individual Needs: Lessons are designed to be inclusive and engaging, with the use of practical activities and scaffolds allowing all children to access the curriculum.