
Subject statements

At Foxtton Primary School we place an emphasis on oracy as a tool to develop children's learning. Through mutual respect, children build on each other's ideas, knowledge and thinking in order to reflect on their own ideas, beliefs and understanding. We aim to develop reasoning skills and ask children to justify and explain their answers using evidence or ideas.

Vision for mathematics

Mathematics is international and crosses cultures. It provides vital skills for life, both practical and theoretical: life skills, such as dealing with time, money, measures and counting, are developed alongside the deeper and more transferable skills of reasoning, mathematical thinking and problem solving.

The mastery approach accepts that all children are mathematicians. They learn to see things in multiple ways through concrete, pictorial and abstract models and representations, deepening their understanding. Reasoning is woven through the fabric of learning and key skills and knowledge are learnt to automaticity in order to allow a focus on application. Children have time to explore and deepen a rich understanding of concepts before moving on.

We develop fluency alongside reasoning and problem-solving, allowing children to apply their knowledge and skills across the curriculum and to nurture a growing appreciation of the beauty of mathematics.

English

We aspire to achieve national standards and above in all areas of English and to make good progress. We focus particularly in widening children's vocabulary across the curriculum enabling them to achieve their full potential.

We recognise that reading is at the heart of all learning and we therefore seek to instil a love of reading in all our pupils. We want to develop independent, reflective readers who can read fluently and with understanding.

We want to equip the children with the skills they need to use Standard English confidently and effectively to communicate with others in writing for a variety of purposes and across a range of genres. One of our aims is to develop skills of self-editing so that children are able to continue on their journey of improvement.

Science

Children are enabled to confidently explore the world around them. We value practical science because it encourages curiosity, questioning and enables children to plan and analyse their evidence. Good use is made of resources such as concept cartoons or Explorify, which encourage children to use their reasoning skills to discuss the meaning of their results. We encourage children to make links across areas of knowledge in order to deepen their understanding. Opportunities to take part in wider science investigations with the support, such as Astra Zeneca or Glaxo Wellcome are often used to embed and develop understanding of science in the wider world.

History

We help our children to understand that history means everything that has happened in the past and to gain understanding of time scales and chronology. Children learn about Britain's past by investigating the local area, as well as the wider world and other civilisations. We hope that history inspires children's natural curiosity and encourages them to ask questions. We aim to bring history to life by using original sources, looking at historical artefacts and also visiting sites of interest.

Religious Education

Our aim in teaching religious education is to help children to become reflective, considerate and respectful in their thinking. Our enquiry based approach encourages children to ask and consider responses to the 'big questions' in order to explore the impact of religion on life. This enables the children to think critically and reflectively using the knowledge that they are taught to construct their own meanings through debates and discussions. Our broad curriculum allows the children to learn about and from all six main world religions, as well as Humanism in their final year. With use of stories, texts, films and artefacts the children draw meaning from different religions for themselves and become researchers in their lessons.

Geography

Geography is taught through our theme-based curriculum, to inspire children with a curiosity and fascination about the physical world. Through the teaching of geography, children will learn about places, people and the environment. Throughout the school, children learn about the village of Foxton, deepening their understanding of the surrounding area year by year. Visits to the local and wider area play an important part in developing their geographical understanding. By exploring their own locality and further afield, they will learn how to draw and interpret maps and practise skills of enquiry.

Computing

Children need to be equipped with the tools to create and use with care the technology of the future. Drawing on their knowledge and skills in mathematics, science and design and technology, children will learn to program and understand digital systems, using these responsibly to solve problems, to communicate, to collaborate and to create. Children at Foxton will be able to understand algorithms and to use logic to debug them in programs that they can use to control or simulate. They will be able to use technology to store and retrieve information about themselves and others and know how to keep this private when needed. They will be able to evaluate effectively the content that they consume.