

We aim to enable our pupils to flourish through our provision.

Overall School Curriculum Intent:

- To develop articulate, resilient and empowered citizens who make a difference to others
- To provide a coherent and ambitious curriculum that leads to a greater depth of understanding for all
- To inspire pupils with purposeful and interconnected learning experiences

Design Technology

Intent

Our aim in Design and Technology is to prepare children to deal with the rapidly changing world. We want our children to 'see, think and operate like engineers, architects, designers, technicians and makers.' To have opportunities to respond to a variety of products and designers and learn from their work. We develop their understanding of design criteria looking critically at what makes an item fit for purpose. We build the children's technical vocabulary, knowledge and skills through the school. They are given opportunities to combine practical skills with an understanding of aesthetic, social and environmental issues. We look at designers and makers teaching them to reflect on and evaluate past and present technology. We use skills from other subject areas in projects and develop their knowledge of how skills are used across learning. Children learn how to take risks, become resourceful, innovative, enterprising and capable citizens.

Implementation

Our Design and Technology curriculum is informed by the National Curriculum programme of study. Pupils are taught substantive and disciplinary knowledge in our delivery of the two strands: Designing and Making and Cooking and Nutrition. Pupils will use knowledge and skills taught to design, make and evaluate products connected with class topics which link learning to other learning. Design and technology lessons are taught as a block so pupils can immerse themselves in the role of designer and maker, practising and applying in quick succession. As we frequently have mixed year group classes we have a two year cycle of planning which ensures coverage and progression.

Assessment

Assessment of children's learning in Design Technology is an ongoing monitoring of children's understanding, knowledge and skills by the class teacher, throughout lessons. This assessment is then used to inform differentiation, support and challenge required by the children.

Summative assessment is conducted termly by class teachers across each class/year group of the school to inform the subject leader of progress or skills and knowledge still to be embedded.

Design Technology is also monitored by the subject leader throughout the year in the form of peer learning, work sampling and discussion with both staff and pupils.