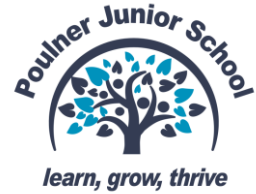


Poulner Junior School

Design Technology



Intent

At Poulner Junior School we aim to provide children with a Design Technology education that is relevant in our rapidly changing world. We want to encourage our children to become problem solvers who can work creatively on a project. We believe that high-quality DT lessons will inspire children to think innovatively whilst developing creative, procedural and technical understanding. Our DT curriculum provides children with opportunities to research, investigate and develop their ideas, make a product and evaluate their work. Children will be exposed to a wide range of media, including textiles, food and woodwork; through this, children will develop their skills, vocabulary and resilience.

Implementation

To ensure high standards of teaching and learning in Design and Technology, we implement a curriculum that is progressive throughout the whole school. Design and technology is taught as part of a termly topic, focusing on knowledge and skills stated in the National Curriculum. At Poulner Junior School, we ensure that design and technology is given the same importance as any other subject, as we feel this is important in enabling all children to gain 'real-life' experiences and develop skills they will require in later in life.

The design and technology curriculum at Poulner Junior School is based upon the 2014 Primary National Curriculum in England, which provides a broad framework and outlines the knowledge and skills taught in each Key Stage. Teachers plan lessons for their class using our progression of knowledge and skills document. Teachers can use this document to plan their design and technology lessons suitable to their class's interests and what they want to learn about. The progression document ensures the curriculum is covered and the skills/knowledge and vocabulary taught is progressive from year to year.

Design Technology focussed displays that display the design learning journey alongside celebrating the outstanding three dimensional creations will be displayed throughout the school. These displays celebrate exceptional practice and exemplify terminology and vocabulary used.

Alongside our curriculum provision for design and technology, we also provide all pupils with the opportunity to participate in DT based after school clubs and DT Heart reward activities.

Impact

Within design and technology, we strive to prepare children to take part in the development of tomorrow's rapidly changing world. We aim to encourage children to become creative problem-solvers, both as individuals and as part of a team. Through the program of study, children combine practical skills with an understanding of aesthetic, social and environmental issues, as well as of functions, industrial practices and famous designers. This allows them to reflect on and evaluate present and past design and technology, its uses and its impact. Our design and technology curriculum is high quality, well thought out and is planned to demonstrate progression. We focus on progression of knowledge and skills.

We measure the impact of our curriculum through the following methods:

- Assessing children's understanding of topic linked vocabulary before and after the unit is taught.
- Images and videos of the children's practical learning.
- Interviewing the pupils about their learning (pupil voice).
- Moderation staff meetings where pupil's books are scrutinised and there is the opportunity for a dialogue between teachers to understand their class's work.
- Annual reporting of standards across the curriculum.
- Marking of work in books.