



Design and Technology

Intent

At Inmans Primary School, we intend to build a Design Technology curriculum which develops learning and results in the acquisition of knowledge and skills. Children will know more, remember more and understand more.

We intend to create a design technology curriculum with appropriate subject knowledge, skills and understanding as set out in the National Curriculum Design Technology Programmes of study, to fulfil the duties of the NC whereby schools must provide a balanced and broadly-based curriculum which promotes the spiritual, moral, cultural, mental and physical development of pupils and prepares them for the opportunities and responsibilities and experiences for later life.

Implementation

Clear and comprehensive scheme of work in line with the National Curriculum. The Design Technology National Curriculum and EYFS is planned for and covered in full within the EYFS, KS1 and KS2 school curriculum. Whilst the EYFS and National Curriculum forms the foundation of our curriculum, we make sure that children learn additional skills, knowledge and understanding and enhance our curriculum as and when necessary.

Delivery of design and technology projects with a clear structure. Each year group will undertake an investigative and evaluative activity where children learn from a range of existing products and find out about D&T in the wider world, a focused Task where they are taught specific technical knowledge, designing skills and making skills and a design, make and evaluate assignment where children create functional products with users and purposes in mind. Each year group will also participate in a food science project.

A range of skills will be taught ensuring that children are aware of health and safety issues related to the tasks undertaken.

Clear and appropriate cross curricular links to underpin learning in multi areas across the curriculum giving the children opportunities to learn life skills and apply skills to 'hands on' situations in a purposeful context.

Independent learning: In design technology, children may well be asked to solve problems and develop their learning independently. This allows the children to have ownership over their curriculum and lead their own learning in design technology.

Collaborative learning: In design and technology children may well be asked to work as part of a team learning to support and help one another towards a challenging, yet rewarding goal.

Impact

Children will have clear enjoyment and confidence in design and technology that they will then apply to other areas of the curriculum.

Children will ultimately know more, remember more and understand more about Design Technology, demonstrating this knowledge when using tools or skills in other areas of the curriculum and in opportunities out of school.

The large majority of children will achieve age related expectations in Design Technology.

As designers, children will develop skills and attributes they can use beyond school and into adulthood.