



Subject: Design and Technology

Intent

Our intent is to provide a varied, exciting and inclusive Design and Technology curriculum where all students can learn to be creative, skillful and independent. This is delivered through a variety of topics containing practical and written elements to enhance the students' knowledge and understanding of the different skills used in both Textiles and Food Technology.

We work towards our students being innovative and passionate when Designing and Making, to critique the merits of Technology and to develop skills for life.

Implementation

Through a variety of creative and practical activities, we teach the knowledge, understanding and skills needed to engage in an interactive process of Designing and Making. The students design and create products that consider function and purpose and which are relevant to a range of sectors (for example, the home, school, leisure, culture, enterprise, industry and the wider environment).

Our aims are that:

- Students can use a range of materials, tools and equipment to design and improve the world around them.
- To use a range of strategies to think and design creatively when faced with problems and challenges.
- Students can make informed choices as consumers of products and technology.
- To evaluate and understand the key principles of design and the impact Design and Technology has on society.
- The following skills and knowledge are assessed throughout the projects:

Key skills and key knowledge for Design and Technology have been mapped across the school to ensure progression between year groups. The context for the students' work in Design and Technology is also well considered and students learn about real life structures and the purpose of specific examples, as well as developing their skills throughout the programme of study. Design and Technology lessons are also taught as a block so that students' learning is focused throughout each unit of work.



The Holy Cross School

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Impact

All students have the opportunity to study Food Technology and Textiles at Key Stage 3 and then can also continue if chosen at Key Stage 4, Hospitality and Catering. The impact of our curriculum will be evidenced in our students' love and enthusiasm for the subject which is displayed both in and out of the classroom.

We ensure the students develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. In Textiles, our students are taught to build and apply a repertoire of knowledge, understanding and skills in order to Design and Make high-quality prototypes and products for a wide range of users and critique, evaluate and test their ideas and products and the work of others.

In Food Technology our students understand and apply the principles of nutrition and learn how to cook. Students will design and make a range of products.

A good quality finish will be expected in all design activities offered and are made appropriate to the age and ability of the child.

Practical work at both Key Stage 3 & Key Stage 4 outcomes and skills are assessed throughout the course using clear, simple assessment criteria developed and unique to both subject areas.