

St Peter's Catholic Primary School, Winchester
Design and Technology Curriculum

'Christ at the Centre'

Design and Technology Curriculum Statement

- link with 'Curriculum Approach' document and subject policy

INTENT

An essential part of our focus as a Catholic school is on the importance of the development of the whole child. Design and Technology is central to this and we will seek to inspire all pupils in making and designing quality products. We aim to instil an appreciation and understanding of how good design and skills in technology are highly valued and necessary in our society. This is a vital part of developing our pupils' creativity, inspiring future careers and enriching their childhood. Children will learn that throughout history and explicitly in modern day society, all objects have been and still are, designed for a purpose. Also, that good design comes from a process which is as important as the finished product. Pupils will learn that technology and design are intertwined and they will learn the technical skills needed to develop and improve their work.

Design and Technology is an intrinsic part of a child's education, where the development of; manual dexterity, problem solving, use of materials and the techniques of making, are all essential in the development of a child. At St. Peter's we intend to provide a high-quality design and technology education that will engage, inspire and challenge pupils, equipping them with the knowledge and skills to experiment, invent and create their own products for purpose.

As pupils progress, they should be able to think critically and develop a more rigorous understanding of the technical aspects of design and technology. They should also know how design and technology both reflect and shape our history, and contribute to the culture, creativity and wealth of our nation.

The Design and Technology Curriculum will recognise the importance of inclusivity and activities will be adapted to meet the individual needs of all pupils. All pupils have the opportunity to access a range of different design and technology activities during their time at St. Peter's and should leave the school with the necessary knowledge and skills to invent and create their own products as well as a respectful appreciation for design and technology in the world around them. Whilst the Design and Technology Curriculum will be accessible to all pupils, it should be recognised that children have strengths in different subject areas. Those talented in design and technology should be identified and encouraged to be celebrated through exposure to their products to the wider world. Design and technology competitions and Stem activities should be accessible to pupils throughout their time at St. Peter's. Pupils will be able to expand their interests in design and technology beyond the school environment.

IMPLEMENTATION

(questions to address:

- *How is your curriculum delivered?*
- *How are teachers supported in developing and improving their subject knowledge?*
- *How is effective teaching and learning in this subject ensured?*
- *How will pupils progress in skills and knowledge?*
- *What will pupils learn in what sequence/order?*
- *How is assessment used to inform and reshape teaching in your subject?*
- *How will the learning environment support pupils' development and progression?)*

IMPACT

(questions to address:

- *How do we know it is working?*
- *What does achievement look like in this subject for each year group?*
- *What difference is your curriculum making?*
- *What are pupils' attitudes to this subject?)*