

# Design & Technology Curriculum

Curriculum Statement of Intent				
Faith	Core	Knowledge and Skills	Enriching Experiences	Physical, Social & Emotional Health
Our curriculum is underpinned by Christian values. Our children will have a good understanding of the Christian faith and the faiths of others and will feel informed enough to follow their own beliefs.	Our curriculum ensures every child has a strong command of reading, writing and maths, as a vital foundation for their learning across the whole curriculum, preparing them for the wide world.	Our knowledge rich curriculum, based on the National Curriculum, is planned sequentially and for the acquisition and mastery of skills.	Our curriculum provides enriching experiences that will introduce our children to life beyond our village context.	Our school curriculum facilitates the development of the whole child equipping them with the characteristics, skills and qualities they will need to thrive now and in the future.

Design & Technology Curriculum Statement
The children at Cheveley Primary School will gain a greater understanding of what Design & Technology is.
What is DT?
"Design is a funny word. Some people think design means how it looks. But of course, if you look deeper, it's really how it works." Steve Jobs
"Technology makes possibilities. Design makes solutions." John Maeda
Through our Design and Technology curriculum our children will:
<ul style="list-style-type: none"> <li>• be prepared to deal with tomorrow's rapidly changing world.</li> <li>• be encouraged to learn to think and intervene creatively to solve problems both as individuals and as members of a team</li> <li>• be enabled to identify needs and opportunities and to respond to them by developing a range of ideas and by making products and systems.</li> </ul>
We will endeavour to provide our children with opportunities to combine their practical skills with an understanding of aesthetic, social and environmental issues, as well as functions and industry. This will allow them to reflect on and evaluate past and present design technology, its uses and its effectiveness and are encouraged to become innovators and risk-takers.
At Cheveley Primary School we will give the children the opportunity to be inspired and to encourage our children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Wherever possible we will link work to other disciplines such as mathematics, science, engineering, computing and art. The children are also given opportunities to reflect upon and evaluate past and present design technology.

Aims of Design & Technology
The national curriculum for design and technology aims to ensure that all pupils:
<ul style="list-style-type: none"> <li>• develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world</li> <li>• 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</li> <li>• critique, evaluate and test their ideas and products and the work of others</li> <li>• understand and apply the principles of nutrition and learn how to cook</li> </ul>

## KNOWING

### Design & Designers



User



Purpose



Functionality



Design decisions

## CREATING

### Vision & Inspiration



Innovation



Authenticity

## USING

### Tools, Utensils & Processes

## ANALYSING

### Researching & Developing

## EVALUATING

### Suitability & productivity