



Program of Study for Design and Technology

'Design and technology is an inspiring, rigorous and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values.' **DfE NC 2013**

New Curriculum

As of September 2015, Dartford Primary Academy will be following the new National Curriculum (2014) in Design and Technology.

Aims

Design and Technology is a cross-curricular subject which draws on and develops the children's knowledge of Mathematics, Science, Engineering, Computing and Art. It provides practical learning which lays the foundations for designing and problem solving in everyday life. It allows children to explore materials, create from their imaginations and encourages children to take risks, allowing them to become resourceful, innovative, enterprising and capable young citizens.

At Dartford Primary Academy, we aim to provide quality first teaching in Design and Technology and value the contribution that the subject contributes to the children's education.

Our Pupils should:

- Be able to develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world

- Be able to build and apply a repertoire of age appropriate knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- Be able to critique, evaluate and test their ideas and products and the work of others
- Be able to understand and apply the principles of nutrition and learn how to cook.

This will be achieved through a variety of creative and practical activities and by working in a range of relevant contexts such as the school, the playground, the garden, the local community or even at home.