



Design and Technology

At Eastington Primary School, we endeavour to promote the development of the whole child. Together, we strive for children to be independent, life-long learners who are kind, cooperative, resilient, responsible and ambitious in all they do.

Our school values underpin our broad and balanced curriculum. We aim for children to enjoy and engage in the wide range of learning opportunities provided, resulting in confident, well-rounded individuals who are ready for their next steps.

Relationships amongst all members of our school family are highly valued and we have kindness at the heart of our school. We aim to develop children who care for themselves, each other and the wider world and encourage everyone to be the best they can be.

Aiming high together to be:

- Kind - show respect and care
- Cooperative - work well together
- Resilient - keep trying
- Responsible - reflect and learn
- Ambitious - challenge yourself

Intent

At Eastington, we aim to provide all children with a broad and balanced curriculum which prepares them for life beyond primary education. We encourage 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.

Design and Technology is an inspiring and practical subject. It can be found in many of the objects children use each day and is a part of children's immediate experiences. Design and Technology encourages children to learn to think and intervene creatively to solve problems both as individuals and as members of a team.

Our Design and Technology curriculum combines skills, knowledge, concepts and values to enable children to tackle real problems. It can improve analysis, problem solving, practical capability and evaluation skills. We aim to, wherever possible, link work to other disciplines such as mathematics, science, history, computing and art. The children are encouraged to become ambitious and resilient. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

Implementation

As a school and in accordance with the National Curriculum's expectations, we aim to ensure that all pupils:

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



- Critique, evaluate and test their ideas and products and the work of others
- Understand and apply the principles of nutrition and learn how to cook.

The needs of all children are met through the planning and delivery of this subject. This is carried out in a variety of ways, such as: differentiation through outcome/task, adult support, adapted tasks/materials and pre-teaching of skills and vocabulary if necessary.

Class teachers are usually responsible for teaching DT, although there will be times when professional artists/helpers will be involved in the teaching of the topic. We take every opportunity to develop links with outside agencies and experts, including the local high school, in order to enrich our Design Technology provision. Children are encouraged to problems solve co-operatively together when designing and making products in order to create an end product. DT is planned alternatively with Art, per half term, and usually through weekly lessons. However, depending on the nature of the topic being taught, teachers may decide to block lessons or have DT days.

Impact

Our children enjoy the self-expression that they experience in DT. They are always keen to learn new skills and work hard to perfect those shown to them. The children's DT is very often cross-curricular and helps them to work co-operatively and be ambitious, as well as being able to show their knowledge and understanding in other subjects such as history, geography and science.

We believe that by developing this, we can contribute to the quality of our children's lives, both within and beyond school. We see Design Technology as a means to support learning in a range of ways. The skills that are developed in this subject can be transferred across the curriculum and thus aid learning.