

DT at Kingfisher CE Academy

Intent: What do we want children to learn?



At Kingfisher CE Academy, we intend to build a Design Technology curriculum which is inspiring, rigorous, and practical. We want our children to use 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. They are supported through the process of designing, making, testing and evaluating their product. They are encouraged to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. As part of the Design Technology curriculum children are taught principles of nutrition, hygiene, seasonality and healthy eating that will provide them with the skills and confidence to feed themselves in later life. We intend for all children to acquire appropriate subject knowledge, skills and understanding as set out in the National Curriculum. It is our aim to create strong cross curricular links with other subjects, such as Mathematics, Science, Computing, and Art.

Implementation: How do we do it at Kingfisher CE Primary Academy?



We will ensure the teaching and delivery of Design and Technology at Kingfisher is of high quality and will be implemented through:

- A well thought out, whole school, yearly overview of the DT curriculum which allows for progression across year groups in all areas of DT (textiles, mechanisms, structures, food and electrical systems)
- Well planned and resourced projects providing children with a hands-on and enriching experience
- A range of skills being taught ensuring that children are aware of health and safety issues related to the tasks undertaken
- Each project from Year 1 to Year 6 addressing the principles of designing, making, and evaluating and incorporating relevant technical knowledge and understanding in relevant contexts.
- Pupils being introduced to specific designers, chefs, nutritionists, etc. helping to engender an appreciation of human creativity and achievement and increase the cultural capital from which they can draw in the future.
- The DT coordinator assessing through communications with the class teachers, pupil voices and learning walks to identify areas for curriculum development, pupil support and where, if needed, training can be put into place for staff development.

A variety of teaching and learning styles in Design and Technology lessons are used and within lessons, children have the opportunity to work on their own and to collaborate with others. They listen to other children's ideas and are taught to respond to these with respect. Children critically evaluate existing products, their own work and that of others. They have the opportunity to use a wide range of materials and resources as well as a broad DT curriculum that goes beyond the classroom.

Impact: On leaving Kingfisher CE Primary Academy children will:



Kingfisher
CE ACADEMY



The pupils at our school will have clear enjoyment and confidence in Design and Technology, they will talk with enthusiasm about their experiences and will be able to apply their knowledge, understanding and skillset to other areas of the curriculum. Through carefully planned and implemented learning activities the pupils will develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in their further education as well as beyond and in an increasingly technological world.

Pupils at Kingfisher will approach solving problems using the skills and knowledge they have learnt in an organised and methodical way. The children will demonstrate resilience and ability to work with others collaboratively, making suggestions for design improvements in a constructive and respectful manner. Children will be able to prepare simple healthy meals safely; using their awareness of ingredients, hygiene and availability. They will gain a firm foundation of knowledge and skills to see them equipped to take on further learning.