D&T
Intent, Implementation and Impact

Finham Primary School & Nursery is a vibrant 'child-centred' learning community that is part of a family of schools in Finham Park Multi Academy Trust. We have based our school ethos on 5 key values that enable our children to be better equipped for today and their future.

| Teamwork | Respect | Integrity | Enjoyment | Discipline |

Intent

Design and Technology is an inspiring and practical subject that will allow children to use their creativity and imagination to design, and make, products in a variety of contexts. We intend for all children to acquire appropriate subject knowledge, skills and understanding as set out in the National Curriculum. It is a cross-curricular subject where the children will need to draw on their knowledge and understanding in many other subjects including numeracy, literacy, science, IT and art. Children will evaluate well-known designers and inventors, and how their products have helped shaped the world.

Through studying design and technology, the children at Finham will develop their abilities to perform creative, technical, and practical activities, and this will give them confidence to participate successfully in the increasingly technological world in which they live. They will learn how to evaluate and test their own ideas, and the products that are all around them. They will also learn about the importance of nutrition and a balanced diet and will learn how to follow recipes and cook nutritious food.

Implementation

Design and Technology is an important part of school life and learning and as a school we value the teaching and delivery of a high-quality Design and Technology curriculum.
All lessons build on prior learning and teachers support children to learn and remember more 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).
- Being taught discreetly in every year group, each term.
- Each project from Nursery to Year 6 addresses the principles of designing, making, and evaluating and incorporating relevant technical knowledge and understanding in relevant contexts.

- Well planned and resourced projects will provide children with a hands-on and enriching experience.
- A range of skills being taught will ensure that children are aware of health and safety issues related to the tasks undertaken.
- Opportunities to link DT to other curriculum areas where appropriate.
- Opportunities for curriculum adaptation, with pre-teaching and interventions for those children who may require it, including those with SEND, alongside challenge to extend higher achievers.
- Opportunities to work as individuals, in small groups or as a whole class to support pupils in the development of their knowledge and skills.

Impact

Pupil's books, displays around school, photos and pupil voice will show:
- Through carefully planned and implemented learning activities the pupils develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- A developed understanding of the names, key works, styles and techniques of designers at an age-appropriate level.
- A secure understanding of the key techniques and methods for each key area of the curriculum: design, plan, make, evaluate.
- A progression of knowledge, with appropriate vocabulary which supports and extends their understanding of Design and Technology.
- Pupils have had opportunities for practice and refinement of knowledge and skills.
- Children enjoy the varied design and technology projects.
- Developed and final pieces of work which showcase the knowledge learned.
- That pupils, over time, develop a range of knowledge and techniques across all of the areas of the design technology curriculum.