

**Design Technology**

**at Sharlston Community School**

**Intent**

At Sharlston Community School we are committed to providing all children with learning opportunities that will engage them in design technology.  We aim to inspire pupils to become creative and imaginative thinkers; our curriculum provides children with real-life contexts for learning. We want pupils to develop the ingenuity to solve a range of problems and demonstrate their skills in a purposeful way. Through the DT curriculum, children are encouraged to take inspiration from architects, chefs, designers and engineers in the world around them. We aim to build an awareness that design technology influences all aspects of our daily lives.

Our Design Technology curriculum …

• Has a strong focus on developing understanding of user and purpose.

• Allows pupils to understand functionality and how to design and produce products that work effectively to fulfil a specific purpose.

• Gives pupils opportunities to demonstrate their creative, technical and practical expertise and draw upon learning in other subjects.

• Encourages pupils to develop originality in their thinking, whilst designing products, which are real and meaningful.

Our intent, at Sharlston Community School, is to offer a broad and balanced Design Technology curriculum, providing opportunities for our children to gain the essential knowledge, skills and understanding which will enable them to flourish and reach their full potential in life and SHINE! We have designed a bespoke curriculum, starting with where the children are in Sharlston and building on real experiences, interwoven with developing the key attributes embodied within our AT SHARLSTON WE SHINE message:

**S** how Respect -Respect ourselves, others, property and our surroundings

Intent: to develop confident, responsible and compassionate global citizens who demonstrate an appreciation of the world we live in **and knowledge of how things work around them**.

**H** ave ambition -Have high aspirations to succeed in life

Intent: to inspire pride, aspirations and high expectations of what can be achieved both during lesson and in the future, **and develop an awareness of the vast range of career opportunities available by studying Design and Technology**

**I** nvolve every one -Enjoying being together, and celebrate differences

Intent: to develop kind, fair members of a multi-cultural society who can communicate effectively, celebrate diversity and uniqueness, tackle discrimination, challenge stereotypes and promote equity, **learning, in Design Technology, developing an appreciation of collaborative working**

**N** ever give up -Be resilient and determined to do your very best intent: to develop resilient learners who persevere, take risks, are open to feedback, self-reflect and embrace challenge with a growth mindset. I**n Design Technology, pupils learn about resilience through the process of creating, evaluating and refining a range of products**

**E** njoy learning –Engage with learning new things in and out of school   
Intent: to provide rich learning experiences which excite, motivate and stretch pupils, **providing opportunities for children to develop language and communicate like a designer.**

**Implementation of the Design Technology Curriculum**

We believe that Design Technology has an important role in our school curriculum. A two year, long term rolling programme maps out the coverage of teaching and learning opportunities for children to develop and embed progressive skills that they are taught.   Our curriculum is designed and planned to show progression in skills from Early Years to Upper Key Stage 2.

At Sharlston Community School we want all of our children to reach key milestones at the end of each key stage in each of the Disciplinary Concepts to learn how to ‘be a Designer’,  that underpin every DT topic that we teach.

Key learning in Design Technology:

• Designing

* Making
* Evaluating
* Technical Knowledge and Understanding

We have a spiral curriculum, with essential knowledge and skills revisited with increasing complexity, allowing pupils to revise and build on their previous learning. Each stage of the design, make, evaluate cycle is rooted in technical knowledge and real life contexts - relevant contexts giving meaning to learning. By revisiting and consolidating skills, our children’s understanding is deepened. Cross-curricular links are included allowing children to make connections and apply their DT skills to other areas of learning.

**Impact**

After following our carefully designed SHINE Curriculum , the impact is that by the time pupils leave Sharlston Community School they have a secure understanding of the academic content of our Design Technology Curriculum. They will also have been given numerous opportunities to develop their skills in the areas of designing, making and evaluating. They have created a range of products for various purposes. They understand the vast range of career opportunities open to them if they work hard. We aim for all of our children to leave our school respectful, skillful, ambitious and with a thirst for life and all it has to offer.

**We hope to encourage pupils to become resourceful, active citizens who will have the skills to contribute to and improve the world around them.**