



SUBJECT CURRICULUM STATEMENT: Design and Technology (DT)

INTENT

At St John's C of E First School, we aim for the children to develop their creativity and imagination in DT, through exploring their ideas, designing and making products that solve real and relevant problems. We want children to be proficient in designing, making and evaluating and to draw on disciplines from other subject such as mathematics, science, engineering, computing and art. We aim for them to consider and evaluate past and present DT, to develop a critical understanding of its impact on daily life and the wider world.

Through their DT, reflecting on our core values of wisdom, hope and perseverance, we encourage children develop their growth mindset, appreciating that DT can be difficult, and may need practise, but with perseverance they can succeed.

IMPLEMENTATION

To ensure children retain their skills and knowledge, we ensure DT is taught within every half term. DT is not usually delivered weekly, but usually over one or two whole days. When appropriate our DT is linked to our over-arching half termly themes and delivered with meaningful cross-curricular opportunities; when those links are not meaningful, we deliver a DT unit discretely. Our DT planning is based on the purpose, aims and attainment targets as published in the National Curriculum.

Our DT planning includes the knowledge, progression of skills and the key concepts that every child will need to know in order to prepare them for their next stage of their education. Children are given the opportunity to:

- ❖ Develop the creative, technical and practical expertise needed to perform everyday tasks confidently
- ❖ Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a 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
- ❖ Build their skills, knowledge and vocabulary term on term and year on year

IMPACT

- ❖ As a result of our curriculum development, and the existing good practice, we have a community of creative and enthusiastic designers who enjoy showcasing their problem solving and DT products. Children love to challenge themselves and enjoy sharing their knowledge, techniques and their own developing artistic skills.
- ❖ Children have the hope and perseverance to make mistakes, practise, improve and succeed.
- ❖ Children have been assessed at the end of each DT unit, through creating a final product that demonstrates their skills and knowledge.
- ❖ All children make good progress and attain well in DT.

CULTURAL CAPITAL

We want children to leave St John's inspired and passionate about DT, equipping them to problem solve, invent and create their own products, having the required skills and knowledge to continue on to the next stage of their education. Through their DT education, their understanding of our core values of wisdom, hope and perseverance will be further developed, which will influence all aspects of their adult life.