

## **Statement of Intent - Design Technology**

The aim of the design technology curriculum is to enhance and strengthen pupil's creativity and have a positive impact on their personal development, technical understanding and skills needed to perform daily tasks confidently which will enable each pupil to grow through learning and experience in an increasingly technological world.

The DT curriculum is designed to encourage pupils to believe in a healthy mind and body through active learning and aims to stimulate pupil's imagination and engage them in practical hands-on experience to realise their ideas and to experiment with different materials including food at KS3. Pupil's acquire subject knowledge and make prototypes in response to real and relevant problems, considering their own and others needs, wants and values. They learn how to take design risks, helping them to become resourceful innovative and enterprising citizens, who believe in striving to be the best they can and succeed in making others proud.

Pupils develop skills to critique and refine their own work and that of others and develop decision making skills, including planning, research, organisation of time and resources when managing their own project work. They develop practical skills using tools and machinery progressively through KS3 and KS4. Pupils develop problem solving and analytical skills to explore design opportunities, avoiding clichéd or stereotypical responses. They will also be able to make cross-curriculum links with maths, science art, business, computer science and geography. It is the intent of the DT department that Dagenham Park pupils leave with the skills to be the next generation of creative practitioners of their chosen field.

In summary, design and technology seeks to prepare pupils to participate confidently and succeed in an increasingly technological world. It helps pupils succeed in being resilient, to grow in humanity and kindness, be aware of, and learn from, wider influences on design and technology, including historical, social/cultural, environmental and economic factors of the nation and the global community.