



CURRICULUM STATEMENT

DESIGN AND TECHNOLOGY



INTENT

At Park View Community School, we intend to build a design and technology curriculum that is inspiring, rigorous and practical. We want our children to use creativity and imagination and to design and make products that solve real-life issues. We want them to create solutions to relevant problems within a variety of contexts, considering their own and others' needs, wants and values.

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.

Through design and technology, our children are encouraged to become innovators and risk-takers. It is our intent to prepare our children, to give them the opportunities, responsibilities and experiences they will need to be successful in later life.



IMPLEMENTATION

Design and technology is a crucial part of school life and learning, and it is for this reason that as a school, we are dedicated to delivering a high-quality programme of study.

This is 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)
- Support from Curriculum Maestro which gives well-balanced projects that provides children with a hands-on and enriching experience
- Projects that are well-resourced and practise a range of skills
- Teachers being given ownership and flexibility to plan for design and technology; often teaching DT as a block of lessons to allow the time needed for the children to be, inventive, critical and reflective
- Each project addressing principles of designing, making, and evaluating, and incorporating relevant technical knowledge and understanding
- 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 on in the future.

Early Years Foundation Stage

During the EYFS pupils explore and use a variety of media and materials through a combination of child initiated and adult directed activities. The activities are based both in class and in outdoor areas so no matter the child's preference, there are still opportunities to support DT. They have the opportunities to learn to:

- Make plans and construct with a purpose in mind using a variety of resources.
- Use different media and materials to express their own ideas and make models.
- Use what they have learnt about media and materials in original ways, thinking about form, function and purpose.
- Select appropriate resources for a product and adapt their work where necessary.
- Develop skills to use simple tools and techniques appropriately, effectively and safely.
- Cook and prepare food adhering to good health and hygiene routines.



IMPACT

Children will have clear enjoyment and confidence in Design and Technology that they will then apply to other areas of the curriculum. Through carefully planned and implemented learning activities, pupils can develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. They gain a firm foundation of knowledge and skills to see them equipped to take on further learning in High School.

Pupil's skills and knowledge are assessed ongoingly by the class teacher, throughout lessons and a summative assessment is completed termly. This informs the Design and Technology coordinator of any further areas for curriculum development, pupil support and/or training requirements for staff. EYFS pupils' progress and attainment tells us whether each individual child is below expected, at expected or above expected attainment for their age.