KIND MOTIVATED SUCCESSFUL

Design Technology Statement of Intent

At King's Meadow we want children to be creative problems solvers who can take risks, be resourceful, imaginative and successful citizens. Design Technology prepares children to engage with tomorrows forever changing technologies and we want children to participate successfully in an increasingly technological world. At King's Meadow we aim to draw and enhance on skills through subjects such as Maths, Science, Art, Computing and Cooking but also seek for our children to explore DT and its impact on daily life and the wider world through a range of ways.

By providing children of all abilities and backgrounds with numerous opportunities to be designers and technologists in various contexts, we aim for our children to

- be able to research, develop, plan and communicate ideas within a group.
- Solve real and relevant problems considering their own and others' wants and values.
- Turn their ideas into a reality by confidently working with tools, equipment, materials and components.
- Understand and apply the principles of nutrition and learn how to cook. These crucial life skills enable pupils to feed themselves and others affordably and well, now and in later life.
- Become motivated and critical thinkers who embrace their mistakes and learn from them.
- Be creative and ambitious and consider careers such as architects, graphic designers, chefs or builders.

High-quality Design and Technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

Implementation

Teachers at King's Meadow follow a clear progression of skills which ensure all pupils are challenged in -line with expectations within their year group and given the opportunity to build on their prior knowledge. Key concepts and technical vocabulary are also included in planning which follows an overall design, make, evaluate structure. This approach helps children to reflect, improve and adapt their work. Units on nutrition are taught throughout the year and during our school's Healthy Schools Week, to ensure children have a growing understanding of where food comes from and the need for a healthy varied diet. Children in Year One to Six also

have to opportunity to participate in our popular and well attended Cookery after school club.

At King's Meadow School, teachers choose to teach D&T in various ways. We use subject curricular links where possible in order to develop in depth knowledge and make connections. When appropriate, lessons are also blocked to encourage and motivate children's creativity and for children to be supported with the relevant materials. These different approaches help all learners (SEN, Pupil Premium and EAL) access the curriculum, enjoy lessons and make progress.

EYFS
The Early Years Foundation Curriculum supports children's understanding of Design and Technology through planning and teaching of 'Expressing Arts and Design'. Within their continuous provision, children have access to:

- Junk modelling table
- Construction area (inside and outside)
- Art area
- Regular cookery experiences

Impact

Children at KMS enjoy researching, developing, planning and making products due to well-planned and sequenced Design Technology teaching. Our pupils become critical thinkers who embrace their mistakes and learn from them. They can evaluate their own work and that of their peers. They are ready to use the skills and knowledge in the next stage of their education and beyond.