**Curriculum Intent**

At West Kidlington Primary School and Nursery, the children get a design and technology curriculum where they are encouraged to be creative, learn practical skills and use their imagination. Here the children are inspired to become designers and think critically about their own and others work and how it can be improved. For this to happen the evaluation process is ongoing. The children are given the opportunity to go back to the design stages if needed to adapt their own work, showing that their mistakes lead to new learning. We teach the children how to develop their ideas through the design, make, evaluate and improve process. We aim for the children in our school to master techniques and practical skills that will encourage them to create effective products.

We want our children to use creativity and imagination, to

design and make products that solve real and relevant problems within a variety of contexts, considering their own and others’ needs, wants and values. Thus, giving our work a very clear purpose. 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. We want Design and Technology to prepare our children, to give them the opportunities, responsibilities, and experiences they need to be successful in later life.





**Curriculum Impact**

Continuous formative assessment takes place throughout the year through observations, pupil discussions and evaluating the children’s work. Teachers use this information to inform future lessons; ensuring children are supported and challenged appropriately. Age related expectation levels are reported to the parents at the end of the academic year. Children are encouraged to use the skills they have learnt during their Design and Technology lessons to create their own work outside of school.

**Curriculum Implementation**

Design and Technology at West Kidlington is taught though 5 DT days a year, over a 2-year rolling program. This ensures that every year group is being taught the key skills needed in all areas of DT (mechanics, structures, construction, cooking and nutrition, electronics, materials and textiles). Each topic has an enquiry-based question, and the DT curriculum will link to this in a creative, simple, engaging way promoting diversity and inclusion. The progression of knowledge and skills are mapped out on our progression document and long-term planning.

The children have the opportunity to share their work with the wider school community as we hold a celebration event after each DT Day. The children are incredibly proud of what they have created and love sharing their work with parents, carers, and other year groups.

DESIGN and TECHNOLOGY



