

Subject on a Page:

Design Technology

Waddesdon Village Primary School- Pathway to Excellence

At Waddesdon Village Primary School, we aim to provide a creative, vocabulary rich curriculum that challenges and inspires our children, in preparation for life in a culturally diverse and ever-changing world.



Whole School Curriculum Drivers:

Excellence

Community

Growth



Intent - we aim to...



To provide stimulating and engaging lessons to promote creative, technical and imaginative thinking.



To equip children to be able to select appropriate tools and techniques when making a product, whilst following safe procedures.



To be able to talk about how things work and to develop their technical knowledge with the correct terminology, which will allow them to evaluate their own designs.



To allow children to build resilience and develop confidence through a progressive curriculum.



To develop an understanding of a range of manufacturing processes and apply this knowledge, understanding and skills to their design.



To understand the importance of having a balanced diet and learn how to cook and apply food life skills.



Implementation - How do we achieve our aims?

Teach the WVPS DT Curriculum

The WVPS curriculum map has enabled teachers to ensure that there is progression throughout the key stages and Year groups. The document gives clear and achievable milestones for each year group that teachers can plan from knowing they are covering the NC goals. We make sure that the children are exposed to the technical terminology through all lessons so that they are able to talk through their own and others work. Tasks are designed not only to introduce new techniques but also gives children the opportunity to revisit and build upon knowledge previously gained. This frequent consolidation reinforces their learning, embedding and securing the key skills.

Resources

Each class is given an Art/DT budget which allows them to order the most relevant resources needed for their tasks. As well as this there is a central budget to replace whole school resources. Each class is allocated a food budget.



Implementation continued...

Food

Children will gain an understanding of where their food comes from and its sustainability. Children gain skills in food preparation and the importance of a balanced diet and healthy lifestyle. Children explore different cultures and periods in time throughout their food journey.

Wider Curriculum

Children will have the opportunity to design and make products and solve problems within a variety of contexts. DT is cross - curricular and draws upon subject knowledge and skills within English, Mathematics, Science, Computing and Art. The WVPS curriculum is based around core texts. Each year group, where possible, has planned meaningful links to core texts and whole class shared texts. This gives purpose and meaning behind the work that is being taught.

Community and Celebrations

Children get opportunities to share work within and across classes as well as with parents and carers through open afternoons, school displays and parents' evenings.
Children discuss current affairs, such as, Fair Trade and the impact of importing foods.

Growth Mindset

To embed a positive growth mind-set across the curriculum so that children know that the school is a safe place to make mistakes and that we are able to progress and learn from these. Children learn resilience and are given the opportunity to reflect on their own learning. DT gives children the opportunity to make errors and correct them through the process of trial and improvement.



Impact - How we know we achieved our aims?

Children progress through the WVPS Curriculum Milestones.



Children work with motivation and enthusiasm and they are confident in explaining their processes and evaluating their work.



There is clear skill progression through the year groups and key stages.



Children will demonstrate a solid knowledge and understanding when using tools or skills in other areas of the curriculum and in opportunities out of school.



Children demonstrate and understanding of locally sources foods and the impact of global issues. They are given life skill that they can continue to use beyond primary school.



They are proud to share their work in their school and local community.

