



LAWFORD MEAD PRIMARY SCHOOL SUBJECT OVERVIEW

Design & Technology

Intent

What we want our children to learn.

Our Design & Technology curriculum aims to:

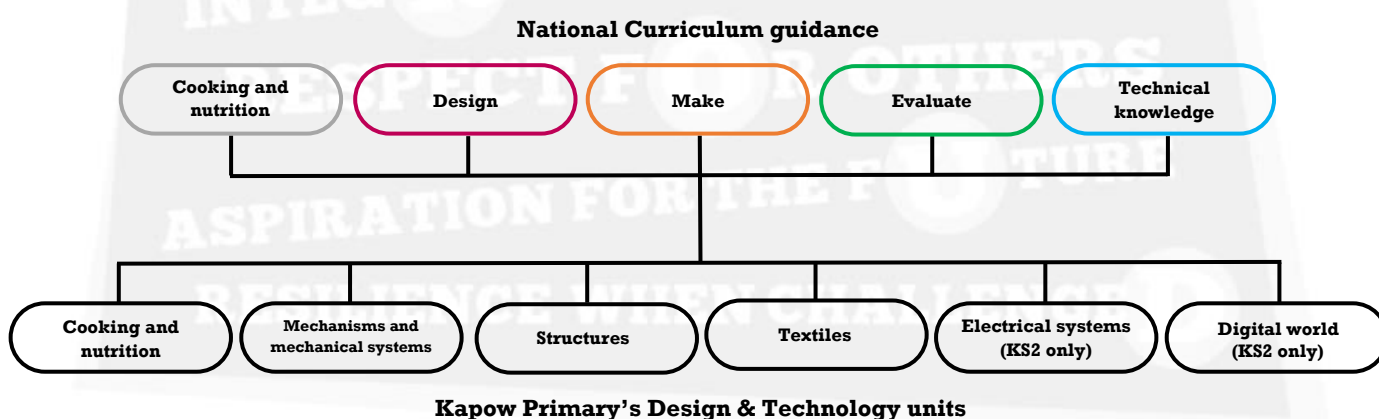
- Inspire pupils to be innovative and creative thinkers who have an appreciation for the product design cycle through ideation, creation and evaluation.
- Encourage children to take risks, through drafting design concepts, modelling and testing.
- Guide children towards becoming reflective learners who evaluate their own work and the work of others.
- Ensure children meet the Key Stage Attainment targets of the National Curriculum.
- Be accessible, engaging and challenging for all, regardless of circumstances or background.

Implementation

How we deliver that learning.

Our curriculum design:

- We use Kapow Primary's Design & Technology and Art & Design Condensed Curriculum.



- This spiral curriculum provides a strong progression of knowledge and skills. Prior learning is revisited, built upon, and deepened each year: see [Knowledge and Skills Progression Document](#) and [National Curriculum Mapping Document](#).
- Lessons open with 'Do Now' retrieval questions to recall and make connections to prior learning.
- Class teachers use adaptive teaching to ensure that lessons can be accessed by all pupils. This includes pre-teaching new vocabulary, using pictures or diagrams to record ideas, step by step instructions (including pictorial) and additional scaffolding. Teachers stretch pupils' learning when required.

- Design & Technology offers cross-curricular opportunities with mathematics, science, computing and art, plus an extra-curricular cooking club twice a year.

Our teaching and learning:

- Design & Technology is taught across three half terms in each year group.
- Lessons incorporate a range of teaching strategies to appeal to all learners: independent tasks, paired, and group work including practical hands-on, computer-based and inventive tasks.
- Art and DT sketch books are used to record the children's work and ideas.
- Topic specific vocabulary is explicitly taught and explained: see [Design & Technology Vocabulary Progression Document](#).
- Teachers have access to the resources required to deliver Design & Technology including tools, glue guns and food preparation equipment.

Impact

How we know what children have learnt and how effective this has been.

Our children:

- Enjoy participating in Design & Technology lessons and appreciate the product design cycle of ideation, creation and evaluation.
- Leave school equipped with skills that enable them to succeed in their secondary education and be innovative and resourceful members of society.
- Meet the end of Key Stage Attainment Targets outlined in the National Curriculum for Design & Technology, demonstrating a clear progression of knowledge and technical skills in this subject.

Our teachers:

- Use formative and summative assessment opportunities to review pupil progress: AfL, high-quality questioning and post-assessment quizzes.
- Use assessment statements for each unit of work to determine which children are working below, working towards, working at expected, and working above for each lesson objective, and record this assessment termly on Insight: see [Design & Technology Curriculum Document](#).
- Work with the Design & Technology subject leader to identify children who require further support and those who require further challenge.
- Review their subject knowledge requirements regularly, using Kapow Primary's continuing professional development videos to deepen their subject knowledge and vocabulary.

Our Design & Technology subject leader:

- Supports teachers in the delivery of Design & Technology by offering continuing professional development, guidance and support where needed.
- Works with teachers to monitor pupil progress termly; the Design & Technology subject leader advises teachers to ensure that children who are not meeting age-related expectations are effectively supported.
- Evaluates the effectiveness of teaching and learning (pupil voice, book looks, informal drop-ins, and team teaching) and acts on this accordingly.