DESIGN AND TECHNOLOGY CURRICULUM

Design • make • evaluate • technical knowledge • food

OUR INTENT Children solve authentic problems by researching needs, developing ideas, making functional products and evaluating them against clear criteria.

CURRICULUM STRANDS Research and user needs • design and communicate • make safely • evaluate and improve • technical knowledge • cooking and nutrition

How learning develops

EYFS	Select tools and materials, join and construct, talk about plans and improve creations through play.
KEY STAGE 1	Design purposeful products for users; communicate ideas; select tools and materials; use mechanisms and structures; prepare food safely.
KEY STAGE 2	Research users, generate annotated designs, select and control tools, apply structures/mechanisms/electrical systems and evaluate products critically.

Assessable end points

BY THE END OF KS1	BY THE END OF KS2
Design, make and evaluate a functional product for a user, explaining choices and using tools safely.	Use research and criteria to develop, make, test and refine an innovative product; explain technical and nutritional decisions.

What pupils learn to do in the subject

SUBJECT PRACTICE Research • investigate • design • model • make • test • evaluate • improve

ESSENTIAL LANGUAGE user • purpose • criteria • prototype • structure • mechanism • textile • circuit • ingredients • evaluate

Implementation, inclusion and impact

- Teachers revisit prior learning, teach precise vocabulary, model subject thinking and give pupils opportunities to apply knowledge with increasing independence.
- Adaptive teaching, clear explanations, carefully chosen resources and appropriate scaffolds enable all pupils to access an ambitious curriculum.
- Teachers check what pupils remember, understand and can apply through discussion, observation, work and carefully chosen tasks—not through unnecessary evidence collection.

HOW FAMILIES CAN HELP Cook together; investigate how products work; reuse materials to design and make solutions to small household problems.

WEBSITE NOTE This one-page summary should be read with the detailed Great Leighs curriculum progression and unit end-point document, which remains the authoritative teaching sequence.