

BE CREATIVE
BE CURIOUS
BE PROUD

DESIGN TECHNOLOGY

PROBLEM SOLVERS
THINKERS
MAKERS
FUTURE DESIGNERS

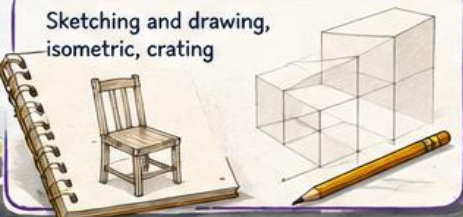
OUR LEARNING JOURNEY

Design • Make • Innovate • Evaluate

YEAR 7

DESIGN COMMUNICATIONS

Sketching and drawing, isometric, crating



MULTICULTURAL BRITAIN

Picture frame
Measuring, marking out, safe use of hand tools and powered equipment, properties of different materials, British Values, use of AI.



BRITISH VALUES

YEAR 8

FLYING BIRD

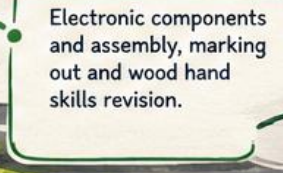
Material properties, marking out, safe use of power tools



YEAR 9

DESK LAMP

Electronic components and assembly, marking out and wood hand skills revision.



YEAR 10

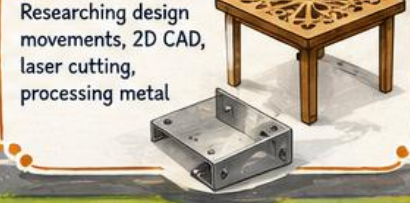
DESIGN COMMUNICATION

More advanced drawing skills, revising skills from KS3.



MINI TABLE

Researching design movements, 2D CAD, laser cutting, processing metal



FIDGET SPINNER

3D CAD design, 3D Printing, measuring, accuracy, tolerance.



GRAPHICS LIGHTING

Iterative design development



YEAR 11

NEA - GCSE PROJECT

from the Exam Board theme.



GREAT DESIGN STARTS WITH AN IDEA AND ENDS WITH IMPACT



PRACTICAL SKILLS

CREATIVE THINKING

PROBLEM SOLVING

RESILIENCE

TEAMWORK

CONFIDENCE