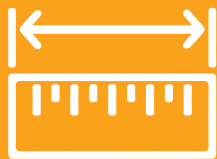


KS4 and more!

KS3 journey



TECHSOFT

NATIONAL
CURRICULUM
PILLARS OF D&T

Feel connected to your Gordon's School identity. Research the history of the school, and think deeply about what it means to be a part of Gordon's life. Come up with design which reflects this and use metal casting techniques to make your own medal.

Medal Project

Work on 2D CAD still to produce an accurate acrylic ruler from scratch on Techsoft. Learn 3D CAD skills to use industry standard software Fusion 360 to make a 3D printed LED lamp, along with other challenges.

CAD/
CAM

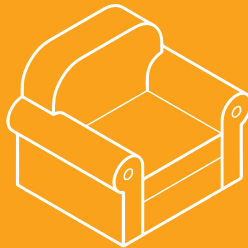
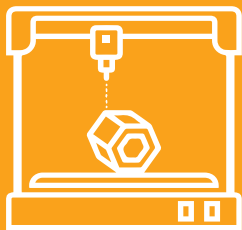
Year
9

Focused practical making project to produce a wood and polymer game using hand tools safely and accurately. Continuing CAD skills gained in Y7. Learning about polymers and their properties.

DESIGN
MAKE
EVALUATE
TECHNICAL KNOWLEDGE
HEALTH& SAFETY

CAREERS AND
CROSS
CURRICULAR
LINKS

SCIENCE
MATHEMATICS
PRODUCT DESIGN
BUSINESS
ENGINEERING
PROJECT MANAGEMENT
MARKETING
RESEARCH
COMPUTING
ARCHITECTURE



Year
8

Dengineers

User led design project for a 'dream den'! Writing a specification. Producing sketches to propose design ideas. Learning proper planning methods. Evaluating and producing an architectural maquette of your dream den..

Desktop Games



Core D&T Vocab to create a base of understanding. Primary product analysis. Modelling of ergonomic grips to improve existing product. Introduction to Smart Materials and their stimuli and uses in the real world. Starting to look at Careers linked to D&T.



Ergonomics

Core Vocabulary, Properties of Woods, Introduction to CAD (Techsoft) and CAM (Laser Cutting) to produce a laser cut key ring. Introduction to the 6Rs and Sustainability to produce a recycled polymer magnet.

Intro to
D&T

Health & Safety, Working safely in a workshop environment and establishing routines.

Health & Safety

Year
7



GORDON'S D&T
KS3 CURRICULUM MAP