



MODULES/UNITS

During year 12 students will carry out number of investigations and testing's of materials and processes. They will also investigate a range of topics including technological advances, industrial practices, material properties, CAD/CAM, design theory, inclusive design and environmental issues in order to build an understanding of the product design world around them.

During year 13, students will draw upon their knowledge and skills to carry out their NEA (non-exam assessment). Alongside this, they will continue to revise the course theory and develop exam technique, including maths.

COURSEWORK DEADLINES/EXAMS

WHEN

YEAR 12 MOCK EXAM	SUMMER TERM
YEAR 13 MOCK EXAM	SPRING TERM
YEAR 13 NEA DEADLINE	MARCH 2023
YEAR 13 PAPER 1 (30% OF A LEVEL)	JUNE 2023
YEAR 13 PAPER 2 (20% OF A LEVEL)	JUNE 2023

PROJECTS/SCHEME OF WORK/TOPICS FOR 12 & 13

DURING

MODELLING INVESTIGATION AND PRACTICE	TERM 1
MATERIALS AND PROCESSES INVESTIGATION	TERM 1-3
CAD/CAM	TERM 2
HEALTH AND SAFETY	TERM 2
MODERN INDUSTRIAL AND COMMERCIAL PRACTICE	TERM 3
INCLUSIVE DESIGN	TERM 3
PRODUCT ANALYSIS	TERM 1
NEA (Year 13)	TERM 1 – 2
EXAM PREPERATION (Year 13)	TERM 1-3

OTHER INFORMATION

Exam board and specification

AQA Design and Technology: Product Design

Textbooks

AQA Design and Technology: Product Design Hodder Education Group ISBN: 1510414088

Homework and Revision

Homework is set every week to extend on the knowledge learnt on class or to carry out reading prior to a new topic being learnt.

Students are expected to carry out private study each week

Website

Howstuffworks.com

Discoverychannel.com (how it's made)

Equipment

Basic stationary

Set of pencils including HB and H2

Colouring pencils

Fine liners including black

Set of rendering pens (optional)

Cream aprons

A4 ring binder folder

A3 carry folder

Competitions

Bishop's Stortford Rotary Club DT competition

Staff

Mr Reynolds (Subject Leader)

Mr Lawless

Mr Ardin

Mr Jacobson (Technician)