Design Technology

YEAR 11

NEA
Carry on with NEA as is 50% of final grade

Theory/Exam prep
Going through different subjects and practice questions

NEA
Start of NEA as this is 50% of final grade in year 11

Metal
About metals, health and safety of metal machines and tools, jigs, craftsmanship, accuracy

Product Design
Product comparison, drawing techniques, disassembly, modelling, evaluating, creativity, craftsmanship, curiosity

YEAR 10

Metal

Energy, systems and devices

Revision—Techniques

Mini NEA Mock
Learning set up of NEA, wooden joints, creativity, craftsmanship

Electronics

Electronics
Soldering, theory of electronics, curiosity, craftsmanship

*Year 10 theory single lessons

YEAR 9

Health and Safety
Safety signs, PPE, risk, how to use a range of tools and machinery safely, COSHH.

Graphics
Research designers and movements, 3D drawing techniques, modelling, CAD, creativity

Product Design
Plastics/Wood, famous designers, creativity, CAD/CAM, modelling

Polymers

Product Design
Learn about props, designing, model making techniques, craftsmanship, accuracy, creativity

Maths in DT

Paper and Board

Timber

*Year 9 theory single lessons

Wood Work
Joints, Plastic processes, craftsmanship, using a range of wood tools and machinery

Specialist Principles

Product Design
Anthropometrics, ergonomics, environmentally friendly, famous designers and products, scaling, craftsmanship

Revision—techniques

Wood Work
Scale of production, using a range of wood tools and machinery, accuracy, jigs, teamwork craftsmanship

YEAR 8

Textile
Basic hand sewing, materials, creativity, designing

Electronics
Circuits, soldering, curiosity, creativity

Metal Work
Metal health and safety, basic metal tools and machinery, teamwork, consistency and CAD/CAM

Wood Work
Designing, skills for working with wood tools and machinery, creativity

YEAR 7

Wood Work
Designing, practical making skills using machines and hand tools, processes, consistency, commitment, craftsmanship

Graphics
Drawing and design to solve real-world problems, presentation and creativity

Health and Safety
How to be safe in the DT room, how to use basic hand tools and machinery

Product Design
Designing, practical making skills using machines and hand tools, processes, consistency, commitment, craftsmanship

* Food Preparation and Nutrition for year 7 and 8 is taught in rotation with Design Technology