



Final GCSE Exam

Core content and specialist knowledge:

Revise and practice exam papers in preparation for your final exam in DT.



AO3: Evaluate and Test

Gain feedback throughout your project and test your final product. Have you met your specification?

AO2: Realise Design ideas:

Manufacture your product using skills and processes used throughout your DT journey.



AO2: Develop Design Ideas

Develop your sketches and communicate ideas. Using modelling techniques.



AO2: Generate Design Ideas

Develop your sketches and communicate ideas. Develop them using various design techniques.

EXAM REVISION

Y11



AO1: Specification and Brief

Clarify the needs and wants of the project writing your own brief and design specification.



Materials:

What materials will be appropriate for your product? What materials are sustainable?



Product research/analysis



Design:

Make:

Addition processes and wood joints. Using skills to develop high quality craftsmanship products.

Testing:

Use various testing and modelling methods to develop your product.



Evaluate:

What skills have you developed? Test your product and consider how you would improve it.

Y10

Apply Sustainability 6 R's knowledge

GCSE NEA CONTEXTS

AO1: Investigate the design possibilities:

What is the design context? What research can you carry out to gather ideas?

Evaluate:

What skills have you developed? Test your product and consider how you would improve it.

Design: CAD

What is computer aided design? Learn to use the basics of Photoshop to design products.

Evaluate:

What skills have you developed? Test your product and consider how you would improve it.

Make:

Develop your design through iterative processes and modelling, testing & evaluating before making a final product.

Design:

Graphic Design Project



Materials research

Recall Sustainability 6 R's



Recall Health and Safety



Recall: CAD

What is computer aided design? Are you able to use the basics of 2D software to design products.

Design: CAD

What is computer aided design? Learn to use the basics of 3D software to design products.

Modelling:

Will my product work? What can I do to improve it?

Make:

Can you make an accurate product using machines and tools independently?

Evaluate:

What skills have you developed? Test your product and consider how you would improve it.



Baseline Assessment

Evaluate:

What makes a good drawing? How can you improve your skills?



Isometric Drawing

Recall Sustainability 6 R's

Y9

Evaluate: At each stage of making, how can you improve your product? Would you change anything?



Make



Design



Pewter Casting



Materials research



Recall Health and Safety

Research Sustainability 6 R's



Baseline Assessment



Introduction to CAD

What is computer aided design? Learn to use the basics of 2D software to design products

Design: CAD

What is computer aided design? Learn to use the basics of 3D software to design products



Make:

What is CAM? Use the laser cutter to produce your final product

Evaluate:

How has CAD / CAM helped you to make a product?

Evaluate:

What makes a good drawing? How can you improve your skills?



Oblique Drawing



Materials research

Y8

Y7

Materials: Working with MDF, cutting and finishing techniques



Make



Design



Brahma Puzzle
Wooden toy game
Problem-solving



Introduction to the workshop:
Health and Safety



Baseline Assessment:

What do you already know about DT?

A wide range of fun and exciting mini projects that teach you valuable skills in the workshop. Understanding different materials and how they work.