

SKILLS DEVELOPED

Equipment	
	Brazing hearth Laser cutter Mortising machine Cordless drills Camera Kraft knife
	Autodesk Inventor



...on to  
Year 11  
we go!



YEAR  
10/11

- GSCE NEA**
- Research
  - Analyse existing products
  - Write context
  - Client Interview
  - Brief and Specification

YEAR  
10

**Wood joints & KDF**  
Draw out a series of wood joints & KDF  
Make the series of WJ's & KDF  
Photograph and present as research page




**Year 10 Trial Exams and Revision Strategies**  
Learn materials and properties  
Revise other topics  
Evaluate products  
Past paper questions

YEAR  
10

- Intorduction to Interactive Design**
- Consider materials available
  - Generate range of ideas
  - Select idea to develop
  - Develop Idea through iterations
  - Make mock up of each iteration
  - Present Final Design as computer generated model
  - Present Final Design as scale model

- Isometric drawing
- Thick and thin fine line
- Colour tonal shading
- Computer modelling





- PEWTER CASTING PROJECT**
- Discuss what can and cannot be done with the process
  - Create a range of Ideas
  - Develop one idea
  - Create final design using Autodesk inventor
  - Laser cut mould
  - Cast pewter product
  - Evaluate and review

- Graphic Design Techniques**
- Line work
  - Fine line
  - Colour shading

YEAR  
10

CURRICULUM  
OVERVIEW

- SKILLS TAUGHT ACROSS DESIGN
- 1 Presentation techniques
  - 2 designing for a making
  - 3 developing creativity
  - 4 CAD/CAM
  - 5 Metal Casting
  - 6 maquette making
  - 7 Photography skills

ITERATIVE  
DESIGN

DESIGN

CURRICULUM  
OVERVIEW