



Continue your lifelong love of learning and personal development



Go to Sixth Form or College to study A Levels or other qualifications



Start a local apprenticeship



= Assessment

Design Technology Department



- Understanding timbers: softwood, hardwood and manufactured boards.
- Reading engineering drawings.
- CAM mechanisms
- Assembling from engineering drawing
- Testing and evaluating of outcome

Sweet Dispenser Project



Take a gap year, travel the world and embrace new cultures



- Case Study - Bauhaus design movement
- 1-point perspective drawing strategy.
- 2-point perspective drawing strategy.
- CAD design and 3D modelling
- Soft modelling - understanding working properties of papers and boards.
- Evaluation of outcome

Architecture Project

YEAR

9

Money box Project

- Workshop tools recap
- Finger joint and rebate joint construction.
- Setting up pillar drill, adjusting drill bit.
- Health and safety regulation.
- Product assembly and finishing techniques



End of Year Test

End of Year Test



YEAR

8

Chocolate Project

- Crating design strategy
- Generating design ideas
- Cutting and shaping mold
- Vacuum forming
- Product analysis
- Logo and branding
- Typography
- Packaging design

Storage Box Project

- Wood joints investigation
- Marking and accurate making of wood joints. (4 wood joints)
- Refining and product assembly
- Finishing techniques
- Testing and evaluation



End of Year Test

End of Year Test



Grab Toy Project



Class 1, 2 and 3 levers  
Product analysis  
Workshop health and safety  
Pillar Drill  
Sanding and refining  
Design ideas  
Testing and evaluating.

- Case study - Memphis design movement
- Generating design ideas.
- CAD Design and 3D modelling
- Manufacturing - working properties of timbers and polymers

Clock Project



welcome

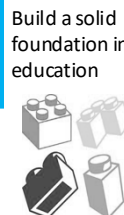
Develop a thirst for reading

PRIMARY SCHOOL

YEAR 7

Y7 Baseline Assessment

OPA Transition Programme. Visit the school and meet your form tutor.



Build a solid foundation in education

Develop a lifelong love of learning

STEM Project

- Case study
- Structures
- Truss Frames
- Making a bridge
- Sustainability
- Understanding Electricity
- Insulators and conductor's experiment
- Creating a circuit
- Electric steady hand game.

Catapult Project



- Forces and Motions
- Introduction to workshop tools and machines
- Marking refining of lap joint
- Finishing techniques