



Curriculum Map- Design Technology 2023-24

Below is a curriculum map, showing what is taught at each stage of the year.



| | Term 1.1 | Term 1.2 | Term 2.1 | Term 2.2 | Term 3.1 | Term 3.2 |
|---------|--|---|--|---|---|---|
| Year 7 | Tangram Researching existing products through ACCESS FM. Learning about wood groups | Tangram Designing and final ideas. Understanding tools in this project. Researching Louis Comfort Tiffany | WORKSHOP SKILLS Introduction to workshop, hand tools and mitre joints, materials (man made and natural woods) | WORKSHOP SKILLS Introduction to workshop, hand tools and mitre joints, materials (man made and natural woods) | Tangram Textiles pouch Creating fabric designs on CAD to print on to fabric using the print press | Tangram Textiles pouch Learning how to use different stitching techniques. Creating a pouch bag for tangram |
| Year 8 | Lightbox project Drawing skills (oblique, isometric and orthographic projection) Designer research page - Sir David Adjaye. | Lightbox project Design work CAD/CAM 2D Design | Lightbox project CAD/CAM 2D Design | Lightbox project Making the frame Adhesives Refining | Lightbox project Refining Metal groups and circuits | Lightbox project Joining metals Finishes |
| Year 9 | Comb joint trinket box Introduction to the workshop, hand tools and machinery, materials and joints. | Comb joint trinket box Introduction to the workshop, hand tools and machinery, materials and joints. | Comb joint trinket box Recapping drawing skills (oblique, isometric and orthographic projection), rendering Designer research page - Marcel Breuer. | Comb joint trinket box Materials knowledge (woods, metals and plastics), adhesives and finishes | Comb joint trinket box CAD/CAM 2D Design Creating the box lid | Comb joint trinket box Refining and project evaluation |
| Year 10 | Mock NEA - Section A Exam theory - Section A | Mock NEA - Section B and C Exam theory - Section A | Mock NEA - Section D Exam theory - Section B | Mock NEA - Section E Exam theory - Section B | Mock NEA - Section F Exam theory - Section C | NEA - Section A and B Exam theory - Section C |
| Year 11 | NEA - Section C and D Exam theory - Section A, B and C | NEA - Section E Exam theory - Section A, B and C | NEA - Section E Exam theory - Section A, B and C | NEA - Section F Exam theory - Section A, B and C | Exam theory - Section A, B and C | |