## **Design & Technology Curriculum Map**

D&T offers you a curriculum which will engage and enthuse a passion for the subject. Giving you the opportunity to explore practical activities which will enable you to master the skills and secure your knowledge.

D&T provides the subject specific skills and knowledge as a platform for you to take your next steps, from KS3 to KS4, then onto a professional career within the Creative sector or further education. emember – Understand – Apply – Analyse – Evaluate - Appraise Submission Life Cycle Analysis **AI - Being Organised** A2 - Progression plan & Post - 16 Destination Manufacture skills 1 5 4 Product testing and analysis Assembly Related Design Brief CAD design product (c) analysis Access FM Metals CAM **Product Evaluation YEAR** Access FM Unit 5 -**Unit 9 - Maintenance Manufacturing** Product evaluation Product Market Iterative Design Specification Research Design Research Design Ideas drawing modifications Risk Analysis assessment Design Brief Manufacture skills Design Math 1 5 4 MUSICAL TUNE ON Design Accuracy of modifications Flowcharts finish YEAR Unit II -CAD 2D Design Specification Design Contours Cold forming **A**ccess FM Graphic Star Diagram finish EBI/WWW Flowcharts Living Hinge Flowchart Accuracy of Drilling Fret saw Planning Plastics 2D Design **Graphics YEAR Desk tidy** Contours 2D Design 2D Design Timber 2 Point Contours Contours Surface Finish Sketch Product Life cycle Paper and Card drawing Evaluation Manufacture Timber Design Drawing Graphic Life cycle finish drawing analysis Design Brief Design Math **Materials Graphis** Manufacture skills The Forest Manufacture skills Marking out Star Diagram Specification Stewardship EBI/WWW 1 5 A Council (<u>c</u>) 1 5 4 **\**\} Access FM Accuracy of Lap Joint Flowchart Surface Finish Planning Design Manufacturing Laser Cutter Design Brief & Graphic Specification finish Marking out Graphic Health and Graphic Surface Finish The 3 R's safety finish **Graphics Materials** Marking out

Product Evaluation Isometric

Sketch

drawing

Paper and Card

Laser Cutter Drawing

Pillar Drill

The Forest

Stewardship

Council

Health and

safety

Research

Butt Joint