



CURRICULUM OVERVIEW FOR DT - GRAPHICS

**YEAR
7**

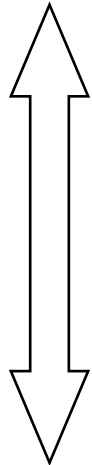
Subject Knowledge
Smart materials
Harry Beck

Key Skills
Isometric Projection
Adobe Photoshop

**YEAR
8**

Subject Knowledge
Scales of production
CAD/CAM
Alberto Alessi

Key Skills
TechSoft 2D Design
Annotation
Google Sketchup



Courses Delivered
10 week Rotations

Half Term 1

Half Term 2

Half Term 3

**YEAR
9**

Subject Knowledge/ Key Skills
Perspective drawing
Adobe Photoshop development
Apple

Subject Knowledge/ Key Skills
Product Analysis
Techsoft 2D Design development
6Rs

Subject Knowledge/ Key Skills
Third Angle Orthographic Projection
Google Sketchup development
Product lifecycle

Half Term 1

Half Term 2

Half Term 3

Half Term 4

Half Term 5

Half Term 6

**YEAR
10**

Perspective drawing
(two point)
Smart/modern materials
Photoshop/2D Design

Isometric projection
Use of laser cutter/
vacuum former
machine. Work of
others: Alessi/ Apple

Energy generation &
storage
Social, moral and
environmental issues

Google Sketchup/
3D printer
Properties of paper/
boards/ polymers
Printing/ finishing

Work of others 2
Mathematical problems

Beginning of research
for the **Non-Exam
Assessment (NEA)**,
worth 50% of overall
GCSE grade.

**YEAR
11**

NEA
Research. Design brief
specification. Initial
designs/develop .
Development

NEA
Prototype building
Testing in use
Developing ideas

NEA
Final product build
Testing with user
Evaluation

Revision

Revision

END OF
EXAMINATION
PERIOD