

Product Design – Year 12 Report Feedback Sheet

Please find below information on each of the topics outlined on your child’s report for A Level Design Technology: Product Design course. We have broken down each topic into the relevant objectives to help you support your child in improving on their ‘insecure’ or ‘developing’ topics. We have directed you to resources on each of the topics to allow your child to improve further. You can find all of the information you need in the textbook or by online recommended sites such as Technology Student.

Topic 1 -Modelling & Timber Properties	Resources Textbook & Online Resources
Virtual Modelling	Page 51 / 38
Properties of Jelutong	Page 13 / 25
Properties of MDF	Page 18

Topic 2 – Textiles & Sustainability	Resources Textbook & Online Resources
Textiles	Page 20-21
Maths-Calculations	Hegarty Maths
Sustainability	Page 102

Topic 3 – Polymers & Polymer Processes	Resources Textbook & Online Resources
PVC Properties	Page 25
Rotational Moulding	Page 33

Topic 4 – Aluminium & Metal Processes	Resources Textbook & Online Resources
Aluminium Properties	Page 14 / 25
Sand Casting	Page 30
Cost Calculations	Hegarty Maths

Topic 5 – Design History & Smart / Compliant Materials	Resources Textbook & Online Resources
Thermo Chromic	Page 22
High Volume Production	Page 77
Compliant Materials	Page 19
Probability Calculations	Hegarty Maths
Design Nets	Page 28
Memphis Design	

Topic 6 – Product Analysis & User Centred Design	Resources Textbook & Online Resources
Product Analysis	Page 59
User Centred Design	Page 119
Life Time Analysis	Page 98
Gore-Tex Performance Materials	Page 20 / 22