

Design and Technology Textiles– Year 10 Report Feedback Sheet

Please find below information on each of the topics outlined on your child’s report for GCSE Textiles. 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 pages of the textbook on each of the topics to allow your child to improve further. You can find all of the information you need in the textbook by following the link.

Topic 1 CORE	Resources Textbook
1.1 The impact of new + emerging technologies	Page 3- 10
1.2 Evaluating new + emerging technologies to inform design decisions	Page 11-14
1.3 Energy: generation, storage and choosing appropriate sources	Page 15-18
1.4 smart + composite materials, +technical textiles	Page 19- 24
1.5 mechanical devices used to produce movement	Page 25- 32

Topic 2 CORE	Resources Textbook
1.8 categorisation of ferrous and non ferrous metals	Page 37-39
1.9 paper and boards	Page 40-42
1.10 thermoforming +thermosetting polymers	Page 43-46
1.11 the categorisation of fibres and textiles	Page 47- 51
1.12 natural and manufactured timbers	Page 52-54

Topic 3 CORE	Resources Textbook
1.15 investigate and analyse the work of professionals and companies to inform design	Page 62- 65
1.16 use of different design strategies	Page 66-68
1.17 using communication techniques to present design ideas	Page 68- 77
1.6 electronic systems	Page 33-35
1.7 Programmable components	Page 35- 37

Topic 4 CORE	Resources Textbook
1.13 all design and technological practice takes place within contexts which inform outcomes	Page 55-58
1.14 challenges that influence the processes of design and making	Page 58- 61
6.6 processes used to manufacture typical products to different scales of production	Pages 256-258
6.7 specialist techniques use for high-quality textile prototypes	Page 259- 264
6.8 surface treatment/finish	Page 265- 269

Topic 5 Fibres and textiles	Resources Textbook
6.1 Design	Pages 241

Topic 6 – Practical skills	Resources

6.2 Properties of fibres and social implications	Pages 241-249
6.3 selecting natural, synthetic, blended and mixed- fibre textiles	Pages 250-252
6.4 the impact of forces and stresses on textiles and the process of reinforcing or stiffening	Pages 253-254
6.5 Typical stock forms, types and sizes used for textiles	Pages 254-255
