

Year 11 GCSE Design & Technology Exam Revision - Term 2

Core Technical Principles (20 marks)

Fossil Fuels and Renewable Energy – p.12-13

Composite Materials – p.33

Timber & Manufactured Boards – p.17 & 23

Textiles – p.20

Crowdfunding, Co-operatives and Fairtrade – p.10

Energy storage systems – p.13

Properties of Materials – p.14-15

Microcontrollers and Integrated Circuits – p.26

Different types of movement (motion), linkages, gears - p.28-31

Planned Obsolescence – p.7

Specialist Principles (30 marks)

6 R's of Sustainable Design – p.9

Finishes – p.72

Casting – p.43, p.68, 69

Modification of Material Properties (Wood) – p.59

Production Aids – p.42-43

Designing and Making Principles (50 marks)

Market Research and Product Analysis - p.98

Ergonomics and Anthropometrics – p.96-97

The Work of a Designer – p.94-95

Modelling and CAD – p.106 and p.4

Maths – Percentages, Trigonometry

