

## **Product Design GCSE Topic Lists for Revision**

## **Subject: Product Design**

## **Topic or component:**

Section A 20marks	CGP Revision guide	Pocket-sized Revision guide
	Page Number	Page number
Enterprise	10	6
Modern materials	32	16
Papers, boards and timbers	16-17	29-31
Product sustainability	6-9	9-11
Products in society	10-11	12
Technology in manufacturing	2-3	7
Composite materials	33	17
Smart materials	33	17
Section B 30marks		
Cutting, drilling and soldering	91	97
Paper and board finishes	56	52-54
Treatments and finishes	72-73	60
Shaping techniques	69	76
Product sustainability	6-9	12
Uses of woods, metals and polymers	58-59	30-31
PCB production and surface finishes	92-93	93, 98
Papers, boards and timbers	16-17	29-31
Fabrics and their properties	74-75	36-37
Mechanical systems	28-29	23
Stock forms and standard	60-63	59, 63-64
components		
Scales of production & examples	38, 39	44-45
Section C 50marks		
Product analysis	102	104
Specifications	99	106
Anthropometrics	96	104
Ergonomics	96	104
Isometric drawing & orthographic	108, 111	118
drawing		
6Rs	9	11
Using materials efficiently	116-117	122
Pie charts and bar charts		105
Practical tools and equipment		50, 73 & 123
Product sustainability	6-9	12

## Strategies and Resources for Revision:

Revision guides