GCSE Product Design 2022-2023									
Year 10									
Lesson	Cycle No.			weekly exam questions will		Notes			
			also be set)						
1	1 WC 5th Sept	Introduction to Project - Ergonomics	HWK1-Hard	woods and Softwoods					
2		3D Drawing Techniques Booklet		1					
3		3D Drawing Techniques - Drawing Board							
4		So staning realinged at the staning source	IIIWK 1 A. 2D	HWV 1A 2D Drawing					
		Sources and Origins of Timber, Environmental Impact of Timber	HWK IA-3D	Drawing					
5		Life Cycle of Timber							
	2 WC 19th Sept	Seasoning & Physical Characteristics of Timber	HWK 2 Woo	HWK 2 Woods Research					
7		Stock Forms, Types and Sizes							
8		Maths and Types of Joint							
9		Torontoles							
10		Types of Joint							
11	3 WC 3rd Oct	Practical - Joints Box	HWK 5 - Area	HWK 5 - Area of a Square					
12		Practical - Joints Box		-					
13		Practical - Joints Box							
14		Practical - Joints Box							
15		HWK Review - Area of Square		<u> </u>					
	414013::-	Buffer Lesson	Inter-	of a Dankara I					
	4 WC 17th Oct	Practical - Joints Box	HWK 6 Area	of a Rectangle					
17		Cutting lists							
18		Practical - J Box Make							
19		HWK Review - Area of Rectangle	HWK 7 Volu	me of a cube					
20		Practical -J Box Make							
21	5 WC 7th Nov	Practical - J Box Make	HWK 8 Volum	me of a Prism					
22		Practical - J Box Make							
23		Practical - J Box Make							
24									
25		HWK Review - Voulme of Prism Practical - J Box Make							
	6 WC 21nd		HWK 3 - Adh	esives					
		Finishes of Timber and Assembly Fixtures Practical - J Box Make	- IIWKS Adii	icsi ves					
27									
28		Practical - J Box Make							
29		Practical - J Box Make							
30		Practical - J Box Make							
21	7 WC 5th Dec	Practical - J Box Make	HWK 10 - Na	tural Timbers and Maths					
22		Practical - J Box Make							
23		Practical - J Box Make							
24		Practical - J Box Make							
25		Practical - J Box Make							
26	8 WC 2rd Jan	Practical - J Box Make	HWK 4 - Qua	lity Control					
27		Practical - J Box Make							
28		Practical - J Box Make							
29		Quality Control							
30		Quality Control							
		Final Design Assesment	HWK 9Final	Design Drawing					
32		Final Design Assesment							
33		Practical - J Box Make							
34		Practical - J Box Make	HWK Revisio	HWK Revision					
35		Practical - J Box Make							
		Evaluation of Project							
37	Jan	Revision of topic							
38		Exam							
39									
33		Exam Marking							

40	7			7		
		End of Module Orgainsation - Fill out Assesment sheets, reflect on areas to improve, set targets				
41	11 WC 20th Feb	Phone Holder Project - Introduction to New Project, Design Brief and Specification				
42						
43		Design Drief (D2) and Jacoisetian (D4 D5)		1		
44	1	Design Brief (P3) and Inspiration (P4,P5)		HWK 1 & HWK 2 - METALS THE BAISCS		
45	-	METALS (P24,25,26)		AND ALLOYS THE BASICS		
46	12 WC 6th	Model and Initial Ideas (P6) Metals Review (P27, 28)		HWK 1 A - FINAL DESIGN WITH EXPLODED		
	Mar	measurement (27,20)		VIEW		
47		Exploded views (P7, 8)				
48		Finite resources & Generation of Power (P12, 15, 16,17, 18)				
49						
50	Ī	Modelling and Testing (P10)		1		
51	13 WC 20th	Final Design Assesment (P11)		Final Design Assesment (P11) LIFE CYCLE ANALYSIS / ECOLOGICAL		
52	Mar	Generation of Power Exam Prep (P19,20) Life Cycle Analysis (P13,14) Practical - Phone Holder Make		FOOTPRINT		
53		Practical - Phone Holder Make				
54		Scale of Production (P21,22,23)		Aesthetic, Properties and Sources of Metals		
55	1	Scale of Production (P21,22,25)		Wictars		
56	14 WC 17th	Forces, Stresses (P29) Plastic The Basics (P30)	-	Practice Exam Questions - Task 1		
57	April	Practical - Phone Holder Make	_	4		
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58		Practical - Phone Holder Make				
59		Plastics the Basics (P31)		Poly mer Products and Polymer Properties		
60		Practical - Phone Holder Make				
61	15 WC 1st	Practical - Phone Holder Make	_	Practice Exam Questions - Task 1 (plastics)		
62	May	Practical - Phone Holder Make	_	_		
63		Practical - Phone Holder Make				
64		Practical - Phone Holder Make				
65		Practical - Phone Holder Make				
66	16 WC 15th	Practical - Phone Holder Make				
67	May	Evaluation of Project		-		
68	_	Exam				
		LAGIII				
69		Exam Marking				
70		End of Module Orgainsation - Fill out Assesment sheets, reflect on areas to improve, set targets				
71	17 WC 5th	COURSEWORK START Section 1 - Design Brief		COMPLETE DESIGN BRIEF		
72	June	Section 1 - Design Brief		-		
73	4	Section 1 - Product Analysis				
74				COMPLETE PRODUCT ANALYSIS		
		Section 1 - Product Analysis		CONFEETE PRODUCT ANALYSIS		
75		Section 1 - Product Analysis				
76	18 WC 19th June	Section 1 - Anthropometrics + Environment		COMPLETE Anthropmetrics		
77		Section 1 - Anthropometrics + Environment				
78	1	Section 1 - Anthropometrics + Environment				
79		Section 1 - Product Deconstruction		COMPLETE PRODUCT ANALYSIS		
				COMM ELICI NODOCI ANALISIS		
80	<u> </u>	Section 1 - Product Deconstruction				
81	19 WC 3rd july	Section 1 - Product Deconstruction		COMPLETE PRODUCT DECONSTRUCTION		
82		Section 1 - Research Summary				
83	†	Section 1 - Specification				
84		Section 1 - Specification		COMPLETE RESEARCH SUMMARY		
85	1	Section 1 - Specification				