

Key Stage 5 - Year 13 Design and Technology Theory- 2022/23

Half Term 1: 5 th September – 21 st October (7 weeks)							Holiday	Half Term 2	
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9
2.3 Technology and cultural changes New materials and methods of manufacture				2.3 Technology and cultural changes Major development in technology				2.3 Technology and cultural changes- New materials and methods of manufacture	
Half Term 2: 31 st October – 16 th December (7 weeks)					Holiday	Holiday	Half Term 3: 3 rd January - 10 th February (6 weeks)		
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
2.3 Technology and cultural changes - Poverty, health and wellbeing including migration		2.3 Technology and cultural changes - Social, moral and ethical issues					2.7 Accuracy in design and manufacture - live modelling which includes measuring aids, tools and terminology		
Half Term 3: 3 rd January - 10 th February (6 weeks)			Holiday	Half Term 4: 20 th February – 31 st March (6 weeks)					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
2.8 Responsible design- renewable energy systems and Circular economy		2.9 Design for manufacture and project management- project management systems and critical path analysis		2.10 National and international standards in product design		Mock paper	Mock paper – feedback and model answers	Mock paper – feedback and model answers	Mock paper – feedback and model answers
Holiday	Holiday	Half Term 5: 17 th April – 26 th May (6 weeks)						Holiday	Half Term 6
		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33
		4.4 Mathematical skills for written exam		Recap over units		Recap over units			Recap over units
Half Term 6: 5 th June – 21 st July (7 weeks)						Curriculum Intent: A-level Design and Technology: Product Design requires students to engage in both practical and theoretical study. This specification requires students to cover design and technology skills and knowledge as set out below. These have been separated into: • Technical principles • Designing and making principles.			
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39				