

# Key Stage 5 - Year 12 Product Design Practical - 2022/23

Half Term 1: 5 <sup>th</sup> September – 21 <sup>st</sup> 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
Manufacture of the Lighting Project 3.1.2 Performance characteristics of materials 3.1.4 Forming, redistribution and addition processes 3.2.6 Selecting appropriate tools, equipment and processes							Holiday	Manufacture of the Lighting Project	
Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks)					Holiday	Holiday		Half Term 3: 3 <sup>rd</sup> January - 10 <sup>th</sup> February (6 weeks)	
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17
3.1.2 Performance characteristics of materials 3.1.4 Forming, redistribution and addition processes		Manufacture of Pewter Cast Item for the Light 3.1.2 Performance characteristics of materials 3.1.4 Forming, redistribution and addition processes 3.2.6 Selecting appropriate tools, equipment and processes			Holiday	Holiday	Manufacture of Composite base 3.1.2 Performance characteristics of materials 3.1.4 Forming, redistribution and addition processes 3.2.6 Selecting appropriate tools, equipment and processes		
Half Term 3: 3 <sup>rd</sup> January - 10 <sup>th</sup> February (6 weeks)			Holiday	Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks)					
Week 18	Week 19	Week 20		Week 21	Week 22	Week 23	Week 24	Week 25	Week 26
NEA Practice Project – Lighting unit AO1 - Identify, investigate & outline design possibilities			Holiday	NEA Practice Project – Lighting unit AO2 Design & make prototypes that are fit for purpose		NEA Practice Project – Lighting unit AO3 Analyse and Evaluate		NEA Final Project Preparation and identification of need.	
Holiday		Holiday		Half Term 5: 17 <sup>th</sup> April – 26 <sup>th</sup> May (6 weeks)				Holiday	Half Term 6
Holiday		Week 27	Week 28	Week 29	Week 30	Week 31	Week 32		Week 33
Holiday		NEA Project	NEA Final Project – Individual Project Choice AO1 Identify, investigate & outline design possibilities			NEA Project		Holiday	NEA Project
Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks)						Curriculum Intent:			
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers. Especially those in the creative industries. They will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning in to practice by producing prototypes of their choice.			
NEA Final Project – Individual Project Choice AO2 Design & make prototypes that are fit for purpose									