

Key Stage 3 - Year 8 Design and Technology - 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
Introduction to DT - Health and Safety. Isometric Drawing		Graphics Project – CAD Mobile Phone		One Point Perspective and Two Point Perspective		REVIEW of Assessment and End of Unit Test		Pewter Keyring Metal Theory/Graphics	
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
Initial Design Ideas CAD Design work		Design Inspiration 2D Pewter casting, cutting and polishing		REVIEW of Assessment and End of Unit Test			USB Light Project Launch and Theory		
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
Wood and Electronics, soldering and testing of components				Wood Practical. Measuring and marking out accurately			Assembly of the box, gluing and using the 'Strip Heater' to shape the acrylic. Testing of USB Light		REVIEW of Assessment and End of Unit Test
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
		Chocolate Bar Project Launch Theory on Polymers/Mood-board		Practical: Making the Mould Practical: Making the NET		Practical – Making the NET/ Design of the Chocolate Mould	CAD work for the Top of the Mold		CAD work for the Top of the Mold
Half Term 6: 5 th June – 21 st July (7 weeks)						Curriculum Intent:			
Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Year 8 prepares students for further study in Design and Technology. A wide range of materials are used to develop practical skills, alongside theory work which develops knowledge and understanding of key D&T topics.			
Food labelling and making of the chocolate bar			Food labelling and making of the chocolate bar		REVIEW of Assessment and End of Unit Test				