

Key Stage 3 - Year 9 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	
Graphics skills development- 1 & 2 point perspective		Rendering, isometric and Ideation Drawing Skills		Wooden Mirror - Practical skills development working with woods – Measuring and marking out accurately			Holiday	Wooden Mirror - Practical skills development working with woods – Finger Joints and sanding		
Half Term 2: 31 st October – 16 th December (7 weeks)								Half Term 3: 3 rd January - 10 th February (6 weeks)		
Week 10	Week 11	Week 12	Week 13	Week 14	Holiday	Holiday	Week 15	Week 16	Week 17	
Wooden Mirror - Practical skills development working with woods – Dowel Joints and sanding		Applying a finish and CAD Design, upload, print and add to folders					Wooden Mirror - Practical skills development. Completion of manufacturing and making of the Metal section			
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	
Completion of manufacturing and making of the Metal section		REVIEW of Assessment and End of Unit Test	Holiday	Coat Hook launch and demonstration of processes		Metals- Practical skills development to produce a metal coat hook.		Theory on metals.		
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	
1st Angle Orthographic		Practical skills development to produce a metal coat hook.			Wooden Section of the Coat Hook		Wooden Section of the Coat Hook			
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 9 project work prepares students for further study in Design and Technology. A wider range of materials are used to develop practical skills, alongside theory work which develops knowledge and understanding of key D&T topics. They continue to look at how materials 'fit together' by using a range of joining methods. The introduction of the 'Design Process' in the final project prepares students for the next step into Engineering as a potential option				
Google Sketch Up and completion of the CAD design work			REVIEW of Assessment and End of Unit Test							