

Subject Long Term Plan Year 11 Design Technology 2021-22

Temperance Term

W/C	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	HALF TERM	
Topic	NEA Coursework – Understanding the context/problem and creating a possible solution Mock 1 Preparation				NEA Coursework – Generating the first Prototype Mock 1 Intervention				
Core	<p style="text-align: center;">NEA Pages 1, 5, 6 and 7</p> <ul style="list-style-type: none"> Explain the NEA Blue Book and students create a design folder (paper but preferably electronic) 1:1 short student meetings to check that each student's NEA Context and Brief choices are confirmed Page 1 Planning: Explore the Blue Book to construct the layout and content for page 1: Context; problem; client brief... Page 1 Presenting: students work independently, Controlled Assessment (CA), and present draft 1 of page 1 Continue Planning and Presenting routine for Page 5; Brief, Page 6; Specification and Page 7; Design Ideas One <p style="text-align: center;">Mock 1</p> <ul style="list-style-type: none"> Exam list issued to students and review of the exam paper style of presentation Revisit the 7 step exam approach and complete one practice medium length answer as a walking talking exam Revisit generating revision materials and practice one as a class: clarify knowledge, revision card generated and practice questions created Use one lesson per week and homework time for students to prepare for the exam Mock 1 completed by end of September Mock 1 marked, gap analysis completed and 1:1 student meetings to give results and create individual intervention plans 				<p style="text-align: center;">NEA pages 11, 16 and 19</p> <ul style="list-style-type: none"> Revisit the Client Brief to check that each student is designing for a person rather than themselves 1:1 short student meetings to confirm standard of NEA, for their targets, are achievable Explore NEA requirements for Prototyping: Analyse, with the class, the relevant NEA AC; Refer to the NEA Blue Book; revisit the Y10 Picture frame project (cardboard frame model/prototype) Page 11: Recording prototype one: students use sketches and modelling methods (electronic or physical) to create a prototype Page 16: Working drawing draft one or proposal one, for a possible final prototype; orthographic or 3d; include sizes Page 19: client evaluation and testing of prototype one <p style="text-align: center;">Mock 1 Intervention</p> <ul style="list-style-type: none"> Students continue with their individual intervention plans Hold a 1:1 conference to gauge progress being made: use the gap analysis to focus discussions 				
Challenge	<p>Each NEA design page is within 1 grade of target</p> <p>Homework: Mock 1 preparation: 1. Students use the exam question list to identify what areas that they need to revise. 2. Add a weekly quiz to test students on section A, B and C of Mock 1</p> <p>NEA: Attend after school catch-up workshops</p>				<p>Each NEA design page is within 1 grade of target</p> <p>Homework: NEA Focus: 1 students responding to NEA feedback; TA of work 2. NEA example page analysis and assessment 3. Attend after school catch-up workshops</p>				
Assessment	SA and TA				SA and TA				

W/C	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	CHRISTMAS	
Topic	NEA Coursework – Generating a second prototype Mock 2 Preparation				NEA suspended Mock 2			
Core	<p style="text-align: center;">NEA Pages 2, 3, 8 and 12</p> <ul style="list-style-type: none"> Explore NEA requirements for: Client interview; Similar product research; Work of others (designing like the essential 16 designers) Analyse, with the class, the relevant NEA AC; Refer to the NEA Blue Book; revisit the Y10 Picture frame project (cardboard frame model/prototype) 1:1 short student meetings to review client feedback regarding prototype ONE Page 2 Planning: Explore the Blue Book to construct the layout and content for page 2: Client interview; graphical data methods; analysis of results Page 2 Presenting: students work independently, Controlled Assessment (CA), and present page 2 Continue Planning and Presenting routine for Page 3; Similar Product research, Page 8; Design Ideas 2 and Page 12; Generating Prototype TWO <p style="text-align: center;">Mock 2</p> <ul style="list-style-type: none"> Exam list issued to students and review of the exam paper style of presentation Revisit the 7 step exam approach and complete one practice medium length answer as a walking talking exam Revisit generating revision materials and practice one as a class: clarify knowledge, revision card generated and practice questions created Use one lesson per week and homework time for students to prepare for the exam 				<p style="text-align: center;">Revising for the exam Practice papers</p> <ul style="list-style-type: none"> Mock 2 completed Mock 2 marked, gap analysis completed and 1:1 student meetings to give results and create individual intervention plans 			
Challenge	<p>Each NEA design page is within 1 grade of target</p> <p>Homework: Mock 2 preparation: 1. Students use the exam question list to identify what areas that they need to revise. 2. Add a weekly quiz to test students on section A, B and C of Mock 1</p> <p>NEA: Attend after school catch-up workshops</p>				<p>Hit target grade Homework: time given for revision</p>			



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Assessment	SA and Teacher Formative assessment Online self-assessment	TA	
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Justice Term

W/C	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	HALF TERM
Topic	NEA Coursework				NEA Testing and Evaluating the Final Prototype		
Core	NEA Pages 3, 4, 9, 10, 13-18 Prototype THREE				Testing the prototype with the client Final evaluation		
Challenge	Each page within 1 grade of target				Each page within 1 grade of target		
Assessment	SA				SA		

W/C	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	EASTER
Topic	NEA Formative Feedback		Metalwork	Textiles	Polymers	Mechanisms and Electronics	
Core	1:1 feedback on NEA Responding to feedback		Revision of metalwork process Wastage, redistribution and addition processes	Revision of textile process Wastage, redistribution and addition processes	Revision of polymer process Wastage, redistribution and addition processes	Revision of polymer process Wastage, redistribution and addition processes	
Challenge	Hitting your target grade		Achieving target Grade in test papers	Achieving target Grade in test papers	Achieving target Grade in test papers	Achieving target Grade in test papers	
Assessment	TA		TVF	TVF	TVF	TVF	



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Courage Term

W/C	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	HALF TERM	
Topic	Mock 2 Feedback and Gap Intervention		Revising for the exam					
Core	1:1 feedback on the exam Creating bespoke revision packs		Walking talking test papers Bespoke intervention Practical tasks for 5 material groups to revisit manufacturing techniques					
Challenge	n/a		Achieve target grade					
Assessment	n/a		SA and TA					

W/C	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	SUMMER
Topic							
Core							
Challenge							
Assessment							