

Curriculum Plan		Subject	Edexcel GCE Design & Technology		Year	13
Spring 2		W/C 22nd February		W/C 1st March		W/C 8th March
How you will access home learning		The PowerPoints and lesson materials will be available in our Y13 group on Microsoft Teams (Y13 DT Product Design). You will need access to your NEA e-portfolio (stored in your home directories) to continue working on it at home.				
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson via MS Teams. This will enable you to listen to teacher delivery, to ask questions, and to complete the tasks live. You can join in with questioning in the lesson using the chat function to check your understanding. Completed NEA work must be submitted via email for feedback on progression following the weekly NEA task. Retrieval work must be submitted via online submission on SHMW, and all other tasks emailed to the teacher who set them.				
Retrieval How we will help you to recall previously learnt knowledge		SMART & Modern Materials (P22/23); 5 questions on this topic		Blow moulding (P33): Label the parts/facts on the diagram Practice exam question - SMHW		Rotational moulding (P33): Label the parts/facts on the diagram Practice exam question - SMHW
New Learning	What you will be learning about this week	Mon: Practice paper - complete part 1 @ home Tue: Retrieval & NEA work, producing a manufacturing diary - finding pictures of the processes you would use and explaining the materials you have chosen and how you will complete the process Thurs: Practice paper - complete part 2 @ home		Mon: Quality Monitoring Systems; learning about Quality Control (QC) and Quality Assurance (QA) (pages 79 & 80) Tue: Retrieval & NEA work, Testing the final prototype against your design specification Thurs: Quality Monitoring Systems; learning about Total Quality Management (TQM) and Quality standards (page 81). Answering practice exam questions, section 8.2 in the workbook.		Mon: Manufacturing: Production scheduling, materials handling and flexible manufacturing systems (FMS) (p82-84) Tue: Retrieval & NEA work, Planning three measureable test to carry out on your finished prototype. What will these be, how are they going to be measureable and what conclusions can be drawn. Thurs: Manufacturing: Lean manufacturing, parts, Quick response manufacturing (QRM) (p85-87)
	How we will teach you the new knowledge or ideas	Live lessons on MS teams with teacher instructions, explanations and modelling. Use of retrieval questions and activities from the Hodder education A'Level D&T revision guide and Y13 Exam question work booklet. Modelling of NEA work and exemplar materials as well as the NEA mark scheme and NEA delivery guidance found in MA teams.				
	Activities that will help you learn and practice what you've been taught	<ol style="list-style-type: none"> 1. Completing the retrieval questions and submitting via email. 2. Completing the activities set by the teacher in the lesson. 3. Answering the directed practice exam question from the work booklet, as set by the teacher in the lesson 				
	What you can do if you are stuck	You can ask any questions during the live lesson or on chat in MS Teams. The Teams lessons will be recorded to refer to teacher explanations. All necessary support documents will be posted in MS teams files section and you can refer to your copy of the Pearson A'level DT revision guide which you have at home. You can e-mail any of your teachers; awragg@notredame-high.co.uk , jbaggaley@notredmae-high.co.uk or kdarkin@notredame-high.co.uk please be specific in the help you need.				

		W/C 15 th March	W/C 22 nd March	W/C 29 th March
How you will access home learning		The PowerPoints and lesson materials will be available in our Y13 group on Microsoft Teams (Y13 DT Product Design). You will need access to your NEA e-portfolio (stored in your home directories) to continue working on it at home.		
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson via MS Teams. This will enable you to listen to teacher delivery, to ask questions, and to complete the tasks live. You can join in with questioning in the lesson using the chat function to check your understanding. Completed NEA work must be submitted via email for feedback on progression following the weekly NEA task. Retrieval work must be submitted via online submission on SHMW, and all other tasks emailed to the teacher who set them.		
Retrieval How we will help you to recall previously learnt knowledge		Vacuum forming (P33): Label the parts/facts on the diagram Practice exam question - SMHW	Injection moulding (P33): Label the parts/facts on the diagram Practice exam question - SMHW	Extruding (P33): Label the parts/facts on the diagram Practice exam question - SMHW
New Learning	What you will be learning about this week	Mon: Manufacturing: Data integration & Concurrent manufacturing (p88-89) Tue: Retrieval & NEA work, User group and client feedback. Plan the questions you will ask both of these, also how will you get them to interact with your product to give you feedback Thurs: Manufacturing: Answering practice exam questions, section 8.3 in the workbook	Mon: Designing for maintenance and the cleaner environment: Material selection, manufacture and distribution (p93-96) Tue: Retrieval & NEA work, The lifecycle of your final product. Thurs: Designing for maintenance and the cleaner environment: Use, repair & maintenance and end of life (p96-98)	Mon: The wider issues of cleaner technologies: Cost implications and sustainability (p101-102) Tue: Retrieval & NEA work, The lifecycle of your final product. Thurs: Designing for maintenance and the cleaner environment: Answering practice exam questions, section 9.1 & 9.2 in the workbook.
	How we will teach you the new knowledge or ideas	Live lessons on MS teams with teacher instructions, explanations and modelling. Use of retrieval questions and activities from the Hodder education A'Level D&T revision guide and Y13 Exam question work booklet. Modelling of NEA work and exemplar materials as well as the NEA mark scheme and NEA delivery guidance found in MA teams.		
	Activities that will help you learn and practice what you've been taught	<ol style="list-style-type: none"> 1. Completing the retrieval questions and submitting via email. 2. Completing the activities set by the teacher in the lesson. 3. Answering the directed practice exam question from the work booklet, as set by the teacher in the lesson 		
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