

Curriculum Plan

Y10 (Long thin) Edexcel Design & Technology

		W/C 2 nd November	W/C 9 th November	W/C 16 th November
How you will access home learning		The PowerPoints and lesson materials will be available in your Y10 group on Microsoft Teams (Y10 Long Thin Product Design).		
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson via Microsoft Teams. This will enable you to listen to teacher delivery, to ask questions, and to complete the same tasks live, as those who are working in the lesson. You can join in with questioning in the lesson using the chat function to check your understanding.		
Retrieval How we will help you to recall previously learnt knowledge		Isometric drawings - complete question on p12 of Revision workbook	3rd angle projection drawings - complete question on p13 of Revision workbook	Mechanical systems - Answer all questions on p17 & 18 of Revision workbook
New Learning	What you will be learning about this week	Mock NEA - User requirements How to outline your project by identifying a need for the product in the market, selecting a client and also writing a product brief.	Mock NEA - Existing product research How to analyse existing products in order to inform your own design ideas.	Mock NEA - Market research, product specific research. How to conduct a questionnaire based on your product research and to research information which is only applicable to your project.
	How we will teach you the new knowledge or ideas	PowerPoint content and teacher led explanations to support you in producing page 1 of your Mock NEA. Teacher modelling to talk you through writing a brief, problem and how to identify a client.	PowerPoint content and teacher led explanations to support you in producing second hand research, based on existing products. Teacher modelling to talk you through completing your research.	PowerPoint content and teacher led explanations to support you in producing second hand product specific research and first hand research consisting of a questionnaire. Teacher modelling to talk you through completing your research.
	Activities that will help you learn and practice what you've been taught	Completing the Mock NEA e-portfolio work. Assessing your completed work using the NEA mark scheme - given on the section guide PowerPoints.		
	What you can do if you are stuck	Join the live lesson on MS Teams. Use the NEA Delivery guide which can be found in G:\Technology\New D&T Digital Textbook and NEA delivery guide/GCSE D&T NEA delivery guide		

		W/C 23 rd November	W/C 30 th November	W/C 7 th December	W/C 14 th December
How you will access home learning		The PowerPoints and lesson materials will be available in your Y10 group on Microsoft Teams (Y10 Long Thin Product Design).			
How you be able to interact with your teacher and gain feedback on your work		You will be able to join each lesson via Microsoft Teams. This will enable you to listen to teacher delivery, to ask questions, and to complete the same tasks live, as those who are working in the lesson. You can join in with questioning in the lesson using the chat function to check your understanding.			
Retrieval How we will help you to recall previously learnt knowledge		Material properties - Answer all questions on p19 of revision workbook	Scales of manufacture - Answer all questions on p30 of revision workbook	Impact on society & environment - Answer all questions on p40 of revision workbook	Sketching skills - Freehand sketch 5 cubes on your page, convert one of the cubes into a cylinder.
New Learning	What you will be learning about this week	Mock NEA - Material and contextual research How to research the surrounding of which a product will be used in to inform your design specification.	Mock NEA - Specification How to write a specification using; Form, Function, User requirements, Performance requirements, materials, cost, sustainability.	Mock NEA - Specification How to write a specification using; Form, Function, User requirements, Performance requirements, materials, cost, sustainability.	Mock NEA - Intial ideas Sketching ideas and annotating with dimensions, materials, manufacturing processes. Reviewing against specification and gaining client feedback
	How we will teach you the new knowledge or ideas	PowerPoint content and teacher led explanations to support you in producing second research based on the context in which your product will be used and the materials/components you may use to make your product. Teacher modelling to talk you through completing your research.	PowerPoint content and teacher led explanations to support you in producing specifications. Teacher modelling to talk you through writing a specification.	PowerPoint content and teacher led explanations to support you in producing specifications. Teacher modelling to talk you through writing a specification.	PowerPoint content and teacher led explanations to support you in producing initial sketch ideas of what your product may look like. You will be given advice on and shown how to sketch in 3d.
	Activities that will help you learn and practice what you've been taught	Completing the Mock NEA e-portfolio work. Assessing your completed work using the NEA mark scheme - given on the section guide PowerPoints.			
	What you can do if you are stuck	Join the live lesson on MS Teams. Use the NEA Delivery guide which can be found in G:\Technology\New D&T Digital Textbook and NEA delivery guide/GCSE D&T NEA delivery guide			

