

Year 11 GCSE Design & Technology

Learning Programme 4

<p>The LORIC skill focus for this LP is: INITIATIVE. The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.</p> <p>Integrity - Having strong moral principles. I will show integrity by taking responsibility for my actions. Gratitude - Feeling and expressing thanks. I will show gratitude by saying please and thank you.</p> <p>What will I be learning about in this Learning Programme? To know how to manufacture my individual final prototype. To know how to test the feasibility of a final prototype. To know how to evaluate a final prototype. To know how to use exam revision techniques to fill gaps in knowledge.</p> <p>Where have I seen this learning before? In KS3 and in Year 10 you will have worked with a range of materials to make products in the design & technology workshop. You will have developed your knowledge of tools and equipment and will know how to select and apply a range of manufacturing processes. All revision topics have been learnt during Year 10.</p> <p>What could I use it for? You will be able to apply your knowledge of manufacturing and evaluation in your GCSE examination, as well as apply your understanding to the final strands of the non-examined assessment (NEA), as well as the written examination.</p>		<p>Literacy Non-Negotiables:</p> <ul style="list-style-type: none"> • Capital letters must be used at the start of sentences and for the first letter of proper nouns • Full stops must be used at the end of a sentence • Question marks must be used at the end of a question • Apostrophes should only be used for possession or omission • Days of the week and months must be spelled correctly • Key words must be spelled correctly • Vocabulary to be taught using the Frayer model
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In LP4.1, I will know:	09/03/26 - (WK 2)	Frayer Model Words	Homework
how to present my NEA iterative designs to a standard to meet the criteria in the highest mark bands; how to apply revision and exam techniques to prepare for topic area one exam questions.		Criteria	Update my NEA portfolio of evidence. Complete exam question on topic 1.

In LP4.2, I will know:	16/03/26 - (WK 1)	Frayer Model Words	Homework
how to use my initiative when working on my individual NEA portfolio or prototype, showing chronological progression; how to apply revision and exam techniques to prepare for topic area two exam questions.		Chronological	Update my NEA portfolio of evidence. Complete exam question on topic 2.

In LP4.3, I will know:	23/03/26 - (WK 2)	Frayer Model Words	Homework
how to show my initiative when using tools and equipment safely, whilst also showing gratitude for the resources provided; how to apply revision and exam techniques to prepare for topic area three exam questions.		Sustainability	Update my NEA portfolio of evidence. Complete exam question on topic 3.
Extended Task.			

In LP4.4, I will know:	13/04/26 - (WK 1)	Frayer Model Words	Homework
how to identify next steps in my final prototype manufacturing and apply material finishes if appropriate; how to apply revision and exam techniques to prepare for topic area four exam questions.		Design communication	Update my NEA portfolio of evidence. Complete exam question on topic 4.

In LP4.5, I will know:	20/04/26 - (WK 2)	Frayer Model Words	Homework
how to finalise the manufacture of my final prototype and show integrity when gaining primary user feedback; how to apply revision and exam techniques to prepare for topic area five exam questions.		Finalise	Update my NEA portfolio of evidence. Complete exam question on topic 5.

In LP4.6, I will know:	27/04/26 - (WK 1)	Frayer Model Words	Homework
how to test the feasibility of my final prototype using appropriate methods; how to apply revision and exam techniques to prepare for topic area six exam questions.		Feasibility	Update my NEA portfolio of evidence. Complete exam question on topic 6.
Extended Task.			

In LP4.7, I will know:	04/05/26 - (WK 2)	Frayer Model Words	Homework
how to present my final testing & evaluation results; how to apply revision and exam techniques to prepare for topic area seven exam questions.		Design optimisation	Update my NEA portfolio of evidence. Complete exam question on topic 7.

Resources to support learning:
The following websites contain extensive revision material and information to increase design & technology subject knowledge: www.technologystudent.com ; www.mr-dt.com ; www.bbc.co.uk/bitesize - OCR Design & Technology.

FFET Award Challenge for this Learning Programme:
Create revision flashcards to help others study for the DT exam.

