



## Year 13 DT: Product Design A Level

## Learning Programme 2

Comparison : the quality of feeding pily and concern for the suffering or misfortunes of others. How the text is the summary of being running and concern for the suffering or misfortunes of others. How the text is the te	The Moral Virtues focus for this LP are: COMPASSION and HONESTY Compassion - the quality of feeling pity and concern for the sufferings or misfortunes of others. Honesty - the quality of being truthful. What will I be learning about in this Learning Programme? How designers use different approaches for design development and project management. How to review ideas against user requirements. How to iteratively develop design ideas to meet user requirements. How to create iterative models using digital and physical prototyping. How to select appropriate materials for NEA ideas. Where have I seen this learning before? During Year 12 D&T you will have designed and prototyped a series of ideas, applying the cyclic iterative design process. You will have applied digital design tools to present, test and evaluate your design ideas.		<ul> <li>Full stops must be used at the end of sentence</li> <li>Question marks must be used at the end of a question</li> <li>Apostrophes should only be used for possession or omission</li> <li>Days of the week and months must be</li> </ul>
What will be learning about it in the learning programm?       Puil digit multiple und it is not it in the it is the set is t			
During Year 21 DET you will have designed and proctopyed a series of ideas, applying the cytle: iterative design process. You will have applied digital design those to prevent, that and evaluate your design ideas. *** work must be spelled correctly *** Key work must be spelled correctly **** Key work must be spelled correctly ************************************			
You will apply your inowiedge in the A Level D&T examination and will utilize your design skills & understanding in the A Level NEA, the Iterative Design in <b>1923.1 kill know: 12/30/24 - (WK 3)</b> Key Vocabulary Menework in the advertext of design thinking approaches and environmental impact; what approaches to design thinking approaches is a design thinking approaches and environmental impact; what approaches to design thinking approaches is project management (4.3.). Systems thinking approaches to project management (4.3.). Systems thinking approaches is project management (4.3.). System			
hov to bela and anotate my lides to include function, usability, materials, processes and environmental impact; what approaches to design thinking are used by designers, such as iterative design, user-centred design, circular economy (4.3a). In 1P2.2, I will know: P12.2, I will know: P12.2, I will know: P12.2, I will know: P12.3, I will know: P12.4, I will: P12.4, I will:	You will apply your knowledge in the A Level D&T examination and will utilise your design skills & understanding in the A Level NEA,	the Iterative Design	
what approaches to design thinking are used by designers, such as iterative design, circular economy (4.3a). Systems thinking The Vacabulary Approaches to design thinking are used by designers, such as iterative design, circular economy (4.3a). Systems thinking The Vacabulary Approaches to project management (4.3c). Cey Vacabulary Approaches Cey Vacabula	In LP2.1, I will know: 21/10/24 - (WK 2)	Key Vocabulary	Homework
how to plan and initiate the production of a physical prototype for my first selected idea; how designs collaborate to gate specialite twoekleg (4.3b); how designs collaborate to gate specialite twoekleg (4.3b); how designs collaborate to gate specialite twoekleg (4.3b); how designs collaborate to gate specialite twoekleg (4.3b); the version techniques to prepare the symmetry of materials; how to continue to the rate ideas by prototyping, testing, evaluating and improving to meet user needs. Lateration to travele my iterated idea gainst design requirements and primary user feedback. Iteration my iterated idea gainst design requirements and primary user feedback. Laterated Task. Laterated idea gainst design requirements and primary user feedback. Laterated idea gainst design requirements (4.2b); how to review my iterated idea gainst design requirements (4.2b); how to review my iterated idea gainst design requirements (4.2b); how to use CAD to further iterate and my ideas. Laterated Task. Laterated Task. Laterated Task. Laterated ites is norwy iterated and primary user feedback. Laterated ites is norwy iterated idea gainst design requirements and primary user feedback. Laterated ites is norwy iterated idea gainst design requirements and primary user feedback. Laterated Task. Laterated Task. Laterated Task. Laterated Task. Laterated Task. Laterated Task. Laterated Task. Laterated idea gainst design requirements (4.2b); how to use CAD to further iterate and my ideas. Laterated Task. Laterated Task. Laterateraterate and my ideas. Laterated Task. Laterated Task.		Systems thinking	Design thinking approaches
hav designers collaborate to gain specialist involvedge (4.3b); have design teams use different approaches in project management (4.3c). IP2 RUW, I will: 11/11/24 - (WK 2) IP2 RUW, I will: 11/11/24 - (WK 2) Int P2.3, I will know: 11/12/3, I will know: 11/12/3, I will know: 11/12/3, I will know: 11/12/3, I will know: 11/12/4 - (WK 2) 11/12/4		Key Vocabulary	Homework
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge. In LP2.5,1 Will know: In LP2.4,1 Will know: In LP	how designers collaborate to gain specialist knowledge (4.3b);	Sigma Six	Approaches to project management.
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge. Revision  https://initialized interview my learning or products are manufactured from a variety of materials; how to continue to iterate ideas by prototyping, testing, evaluating and improving to meet user needs.  Extended Task.  Int 1922.6 / Will know: 25/11/24 - (WK 2)  Key Vocabulary  Momework  Mereview  Me	LP2 RLW, I will: 11/11/24 - (WK 2)		
how a range of products are manufactured from a variety of materials; how to continue to iterate ideas by prototyping, testing, evaluating and improving to meet user needs. Extended Task. In 192.4, 1 Will know: 25/11/24 - (WK 2) Key Vocabulary Homework my strengtis and areas for development from my learning so far, by completing my mock examination; how to specify suitable materials for my iterated design ideas (5.2). In 192.5, 1 Will know: 02/12/24 - (WK 1) Key Vocabulary Homework my strengtis and areas for development from my learning so far, by completing my mock examination; how to specify suitable materials for my iterated design ideas (5.2). Review Primary user feedback. Feasible In 192.5, 1 Will know: 02/12/24 - (WK 2) Key Vocabulary Homework how to review my iterated idea against design requirements and primary user feedback. Feasible In 192.6, 1 Will know: 09/12/24 - (WK 2) Key Vocabulary Homework bow to use CAD to further iterate and my ideas. Finite element analysis (FEA) In 20.7, 1 Will know: 16/12/24 - (WK 1) Key Vocabulary Homework how to review the progress of my NEA iterative Design Project and plan my next steps. Digital visualisation Resources to support learning: The following websites contain extensive revision material and information to increase design & technology subject knowledge: www.technologystudent.com; Product design maker YouTube tutorials www.productdesignermaker.com; Jude Puller's Lockdown Lettures from Bangor University - YouTube. FFIT Award Chaltenge for this Lettures from Bangor University - YouTube.	review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.	Revision	Use revision techniques to prepare for the summative assessment.
how to continue to iterate ideas by prototyping, testing, evaluating and improving to meet user needs. Iteration process	In LP2.3, I will know: 18/11/24 - (WK 1)	Key Vocabulary	Homework
In LP2.4, I will know: 25/11/24 - (WK 2) Key Vocabulary Revision for mock exam paper 1 ar paper 2. Revision for mock exam paper 1 ar paper 2. Review Review Revision for mock exam paper 1 ar paper 2. Review Review Revision for mock exam paper 1 ar paper 2. Review Review Revision for mock exam paper 1 ar paper 2. Review Review Mittenation; how to specify suitable materials for my iterated design ideas (5.2). Review Review Mittenation; how to specify suitable materials for my iterated design ideas (5.2). Review Review Mittenation; how to review my iterated idea against design requirements and primary user feedback. Feasible Reasible Review Mittenation (4.2b); how to review my iterated and my ideas. Signature is used during design development (4.2b); how to use CAD to further iterate and my ideas. Signature is used during design development (4.2b); how to review the progress of my NEA Iterative Design Project and plan my next steps. Digital Visualisation Digital visualisation. Digital visualisation Digital visualisation project and plan my next steps. Digital visualisation Project material and information to increase design & technology subject knowledge: www.technologystudent.com; Product design maker vourbule tutorials www.productdesignermaker.com; Jude Pullen's Learning Programme:	how to continue to iterate ideas by prototyping, testing, evaluating and improving to meet user needs.	Iteration process	Manufacturing revision question.
my strengths and areas for development from my learning so far, by completing my mock examination; how to specify suitable materials for my iterated design ideas (5.2). In IP2.5, 1 will know: 02/12/24 - (WK 1) Key Vocabulary Homework how to review my iterated idea against design requirements and primary user feedback. Feasible In IP2.6, 1 will know: 09/12/24 - (WK 2) Key Vocabulary Homework how digital design software is used during design development (4.2b); how to use CAD to further iterate and my ideas. Extended Task. In IP2.7, 1 will know: 16/12/24 - (WK 1) Key Vocabulary Digital design tools. Finite element analysis (FEA) Moework Digital visualisation Digital visualisation. Digital visualisation. Digital visualisation. Digital visualisation. Product design maker YouTube tutorials www.productdesignermaker.com; Uude Pullen's Lockdown Lectures from Bangor University - YouTube. HET Award Challenge for this Learning Programme:		Koy Vocabulary	Homowork
In LP2.5, I will know:       02/12/24 - (WK 1)       Key Vocabulary       Homework         In LP2.6, I will know:       09/12/24 - (WK 2)       Feasible       Primary user feedback.         In LP2.6, I will know:       09/12/24 - (WK 2)       Key Vocabulary       Homework         how digital design software is used during design development (4.2b);       Momework       Digital design tools.         how to use CAD to further iterate and my ideas.       Finite element       analysis (FEA)       Digital design tools.         Extended Task.       In LP2.7, I will know:       16/12/24 - (WK 1)       Key Vocabulary       Momework         how to review the progress of my NEA Iterative Design Project and plan my next steps.       Digital visualisation.       Digital visualisation.         The following websites contain extensive revision material and information to increase design & technology subject knowledge:       www.technologystudent.com;       Pressure         Product design maker YouTube tutorials www.productdesignermaker.com;       Jude Pullen's Lockdown Lectures from Bangor University - YouTube.       Starting Puller Stockdown Lectures from Bangor University - YouTube.	my strengths and areas for development from my learning so far, by completing my mock examination;		Revision for mock exam paper 1 and
how to review my iterated idea against design requirements and primary user feedback.          Feasible       Primary user feedback.         Feasible       Feasible         In LP2.6, I will know:       09/12/24 - (WK 2)       Key Vocabulary         how digital design software is used during design development (4.2b);       Digital design tools.         how to use CAD to further iterate and my ideas.       Finite element analysis (FEA)         Extended Task.       In LP2.7, I will know:       16/12/24 - (WK 1)         Now to review the progress of my NEA Iterative Design Project and plan my next steps.       Digital visualisation         Digital visualisation       Digital visualisation         Resources to support learning:       The following websites contain extensive revision material and information to increase design & technology subject knowledge:         www.technologystudent.com;       Product design maker YouTube tutorials www.productdesignermaker.com;         Jude Pullen's Lockdown Lectures from Bangor University - YouTube.       FFET Award Challenge for this Learning Programme:		neview	
In LP2.6, I will know:       09/12/24 - (WK 2)       Key Vocabulary       Homework         how digital design software is used during design development (4.2b);       Digital design software is used during design development (4.2b);       Digital design tools.         how to use CAD to further iterate and my ideas.       Finite element analysis (FEA)       Digital design tools.         Extended Task.       In LP2.7, I will know:       16/12/24 - (WK 1)       Key Vocabulary       Homework         how to review the progress of my NEA Iterative Design Project and plan my next steps.       Digital visualisation       Design development presentation.         Resources to support learning:       The following websites contain extensive revision material and information to increase design & technology subject knowledge:       Www.technologystudent.com;         Product design maker YouTube tutorials www.productdesignermaker.com;       Jude Pullen's Lockdown Lettures from Bangor University - YouTube.         FFET Award Challenge for this Learning Programme:       FFET Award Challenge for this Learning Programme:       Estended Task.	In LP2.5, I will know: 02/12/24 - (WK 1)	Key Vocabulary	Homework
how digital design software is used during design development (4.2b); how to use CAD to further iterate and my ideas. Extended Task. In LP2.7, I will know: 16/12/24 - (WK 1) Key Vocabulary Homework how to review the progress of my NEA Iterative Design Project and plan my next steps. Digital visualisation Digital visualisation Digital visualisation Resources to support learning: The following websites contain extensive revision material and information to increase design & technology subject knowledge: www.technologystudent.com; Product design maker YouTube tutorials www.productdesignermaker.com; Jude Pullen's Lockdown Lectures from Bangor University - YouTube. FFET Award Challenge for this Learning Programme:	how to review my iterated idea against design requirements and primary user feedback.	Feasible	Primary user feedback.
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In LP2.7, I will know: 16/12/24 - (WK 1) Key Vocabulary Homework how to review the progress of my NEA Iterative Design Project and plan my next steps. Digital visualisation Besign development presentation. Digital visualisation The following websites contain extensive revision material and information to increase design & technology subject knowledge: www.technologystudent.com; Product design maker YouTube tutorials www.productdesignermaker.com; Jude Pullen's Lockdown Lectures from Bangor University - YouTube. FFET Award Challenge for this Learning Programme:			Digital design tools.
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FFET Award Challenge for this Learning Programme:	In LP2.7, I will know: 16/12/24 - (WK 1) how to review the progress of my NEA Iterative Design Project and plan my next steps.		
	In LP2.7, I will know: 16/12/24 - (WK 1) how to review the progress of my NEA Iterative Design Project and plan my next steps.  Resources to support learning: The following websites contain extensive revision material and information to increase design & technology subject knowledge: www.technologystudent.com; Product design maker YouTube tutorials www.productdesignermaker.com;		
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