

Year 13 Pure



he LORIC skill focus for his LP is: INITIATIVE.		Literacy:			
The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE. Integrity - Having strong moral principles. Gratitude - Feeling and expressing thanks. What will I be learning about in this Learning Programme? In LP4 I will be learning about numerical methods for solving algebraic problems and 3D vectors. Where have I seen this learning before? Yr12: algebraic manipulation and 2D vectors.		 Capital letters must be used at the st of sentences and for the first letter of proper nouns Full stops must be used at the end of 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 correctlyKey words must be spelled correctly		
			Vhat could I use it for?		
			he knowledge and skills I will learn in this learning programme will allow me to solve geometrical problems us nechanics and this knowledge is vital in careers such as engineering.	ing vectors. This will later be applied to	
		n LP4.1, I will know: 10/03/25 - (WK 2)	Key Vocabulary	Homework	
		ow to use partial fractions with Binomial expansion.		Targeted Exam Paper Practice	
	Binomial				
n LP4.2, I will know: 17/03/25 - (WK 1) ow to locate roots of equations;	Key Vocabulary	Homework Targeted Exam Paper Practice			
low to use iteration.		Taigeteu Exam Faper Flactice			
	Iteration				
n LP4.3, I will know: 24/03/25 - (WK 2)	Key Vocabulary	Homework			
ow to solve Newton-Raphson problems.		Targeted Exam Paper Practice			
	Roots				
xtended Task.					
n LP4.4, I will know: 31/03/25 - (WK 1)	Key Vocabulary	Homework			
ow to work with vectors in 3D; ow to solve geometrical problems with vectors.		Targeted Exam Paper Practice			
	Magnitude				
n LP4.5, I will know: 21/04/25 - (WK 2)	Key Vocabulary	Homework			
ow to apply all knowledge acquired so far to exam questions		Targeted Exam Paper Practice			
	Revision				
n LP4.6, I will know: 28/04/25 - (WK 1)	Key Vocabulary	Homework			
ow to apply all knowledge acquired so far to exam questions		Targeted Exam Paper Practice			
	Revision				
xtended Task. n LP4.7, I will know: 05/05/25 - (WK 2)	Key Vocabulary	Homework			
iow to apply all knowledge acquired so far to exam questions		Targeted Exam Paper Practice			
	Revision				

Use your knowledge organisers to support with revision and recall. Here are some online resources to further support you in your Mathematics revision beyond the classroom. All weekly homework tasks area based on the exercises from the book. In addition to homework, Pupils should use questions not used in class plus the review exercises to help support learning from outside the classroom. Online Resource for homework and exam practice: https://www.drfrostmaths.com/. Topic based exam questions - https://www.mathsgenie.co.uk/

FFET Award Challenge for this Learning Programme: Create a revision mind/map or poster of any of the Pure Maths chapters.