

Year 12 Mathematics JDW

Learning Programme 5

<p>The LORIC skill focus for this LP is: COMMUNICATION.</p> <p>The Moral Virtues focus for this LP are: COURAGE and HUMILITY.</p> <p>Courage - Acting with bravery and overcoming fears.</p> <p>Humility - Having a modest view of oneself.</p> <p>What will I be learning about in this Learning Programme? In LP5 I will be learning about integrations and functions.</p> <p>Where have I seen this learning before? GCSE: Translations and reflections of functions.</p> <p>What could I use it for? The knowledge and skills I will learn in this learning programme will allow me to solve problems integration including in real life modelling situations. I will also learn how to use functions and find the range and domain.</p>	<p>Literacy:</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
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In LP5.1, I will know:	13/05/24 - (WK 1)	Key Vocabulary	Homework
how to find definite integrals.		Integral	Integration

In LP5.2, I will know:	20/05/24 - (WK 2)	Key Vocabulary	Homework
how to find the area under the x-axis.		Limits	Area Under curves

In LP5.3, I will know:	03/06/24 - (WK 1)	Key Vocabulary	Homework
how to find the area between curves and lines.		Area	Area Under curves
Extended Task.			

In LP5.4, I will know:	10/06/24 - (WK 2)	Key Vocabulary	Homework
how to use the modulus function.		Modulus	Modulus Function

In LP5.5, I will know:	17/06/24 - (WK 1)	Key Vocabulary	Homework
how to use functions and mappings.		Range	Functions

In LP5.6, I will know:	24/06/24 - (WK 2)	Key Vocabulary	Homework
how to use composite functions.		Domain	Composite Functions
Extended Task.			

In LP5.7, I will know:	01/07/24 - (WK 1)	Key Vocabulary	Homework
how to use inverse functions.		Composite	Inverse Functions

In LP5.8, I will know:	08/07/24 - (WK 2)	Key Vocabulary	Homework
how to transform functions including the modulus function.		Transformation	Transformations of Functions

Resources to support learning:
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. Some useful websites are listed below: - Online Resource for homework and exam practice: https://www.drfrstmaths.com/ - Topic based exam questions - https://www.mathsgenie.co.uk/

FFET Award Challenge for this Learning Programme:
Complete an AS Paper as part of your revision

PRT Task 1

PRT Task 2