

Year 10 Mathematics Learning Programme 3

The LORIC skill focus for this LP is: RESILIENCE The values for this LP are RESPECT and JUSTICE			Literacy Non-Negotiables: <ul style="list-style-type: none">Capital letters must be used at the start of sentences and for the first letter of proper nounsFull stops must be used at the end of a sentenceQuestion marks must be used at the end of a questionApostrophes should only be used for possession or omissionDays of the week and months must be spelled correctlyKey words must be spelled correctlyVocabulary to be taught using the Frayer model
Respect - treat others how you would wish to be treated yourself. Justice - our College rules are fair and reasonable			
What will I be learning about in this Learning Programme? In LP3, student will focus on plotting and interpreting real-life graphs, Venn diagrams and set notation, Independent and dependent events, density and pressure and working with ratios and algebra.			
Where have I seen this learning before? Linear equations, Probability, Sets, Speed, distance, time, Proportion, Ratio, Rearranging formulae, Solving equations			
What could I use it for? In combination with other topics to solve multi-step problems.			
In LP3.1, I will know:	05/01/26 - (WK 2)	Frayer Model Words	Homework
how to plot linear real life graphs. how to sketch graphs of water flows.		sketch	Complete your weekly homework on https://spaxmaths.com/
In LP3.2, I will know:	12/01/26 - (WK 1)	Frayer Model Words	Homework
how to use Venn diagrams with set notation.		set	Complete your weekly homework on https://spaxmaths.com/
In LP3.3, I will know:	19/01/26 - (WK 2)	Frayer Model Words	Homework
how to use and interpret probability tree diagrams.		independent	Complete your weekly homework on https://spaxmaths.com/
In LP3.4, I will know:	26/01/26 - (WK 1)	Frayer Model Words	Homework
how to calculate with density. Extended Task.		units	Complete your weekly homework on https://spaxmaths.com/
In LP3.5, I will know:	02/02/26 - (WK 2)	Frayer Model Words	Homework
how to calculate with pressure.		force	Complete your weekly homework on https://spaxmaths.com/
In LP3.6, I will know:	09/02/26 - (WK 1)	Frayer Model Words	Homework
how to combine ratios.		common	Complete your weekly homework on https://spaxmaths.com/
LP3 RLW, I will:	23/02/26 - (WK 2)	Frayer Model Words	Homework
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.		revise	Complete your weekly homework on https://spaxmaths.com/
In LP3.7, I will know:	02/03/26 - (WK 1)	Frayer Model Words	Homework
how to calculate acceleration from velocity time graphs. Extended Task.		velocity	Complete your weekly homework on https://spaxmaths.com/
Resources to support learning: Students will be given login details by their class teacher. Homework will be linked to clip numbers on this website. https://spaxmaths.com/			
FFET Award Challenge for this Learning Programme: Complete 100% of SPARX maths homework every week.			


 PRT Task 1


 PRT Task 2