

Year 9 Set 5 Mathematics

Learning Programme 5

<p>The LORIC skill focus for his LP is: COMMUNICATION. The Moral Virtues focus for this LP are: COURAGE and HUMILITY.</p> <p>Courage - Acting with bravery and overcoming fears. 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 statistical diagrams and percentages.</p> <p>Where have I seen this learning before? Year 8: bar charts, pie charts, averages LP2: solving equations</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 involving statistics. This will support in future careers in the finance sector such as accountancy.</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:	11/05/26 - (WK 1)	Key Vocabulary	Homework
how to identify congruent figures; how to identify congruent triangles; how to construct triangles.		Congruent	Sparx Maths Homework

In LP5.2, I will know:	18/05/26 - (WK 2)	Key Vocabulary	Homework
how to draw and interpret scatter graphs; how to describe linear correlation; how to draw and use line of best fit.		Correlation	Sparx Maths Homework

LP5 RLW, I will:	01/06/26 - (WK 1)		
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.			

In LP5.3, I will know:	08/05/26 - (WK 2)	Key Vocabulary	Homework
how to identify populations and samples; how to work with primary and secondary data.		Sample	Sparx Maths Homework
Extended Task.			

In LP5.4, I will know:	15/06/26 - (WK 1)	Key Vocabulary	Homework
how to draw and interpret bar charts; how to draw and interpret pie charts; how to construct and interpret stem-and-leaf diagrams.		Median	Sparx Maths Homework

In LP5.5, I will know:	22/06/26 - (WK 2)	Key Vocabulary	Homework
how to construct and interpret frequency tables; how to construct and interpret frequency polygons; how to find averages from frequency tables.		Mean	Sparx Maths Homework

In LP5.6, I will know:	29/06/26 - (WK 1)	Key Vocabulary	Homework
how to increase and decrease by a given percentage; how to express one number as a percentage of another.		Multiplier	Sparx Maths Homework
Extended Task.			

In LP5.7, I will know:	06/06/26 - (WK 2)	Key Vocabulary	Homework
how to calculate simple interest; how to solve reverse percentages problems.		Interest	Sparx Maths Homework

Resources to support learning:
Use your knowledge organisers and Sparx Maths to further support with Mathematics revision beyond the classroom. All weekly homework tasks will be set on Sparx Maths and all questions have a video to support. You can also access any topic in the Independent Practice section on Sparx Maths. Please speak to your Mathematics teachers if you have any questions about how to use Sparx or any queries about login details.

FFET Award Challenge for this Learning Programme:
Design a questionnaire to ask your friends. Questions must involve numerical data such as height, hand span, distance from school, time spent travelling, time spent on homework etc. Represent this data in appropriate charts such as scatter graphs or frequency polygons.

