

Year 9 Set 5 Mathematics

Learning Programme 5

The LORIC skill focus for his LP is: COMMUNICATION. The Moral Virtues focus for this LP are: COURAGE and HUMILITY. Courage - Acting with bravery and overcoming fears. Humility - Having a modest view of oneself. What will I be learning about in this Learning Programme? In LP5 I will be learning about statistical diagrams and percentages. Where have I seen this learning before? Year 8: bar charts, pie charts, averages LP2: solving equations 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.			Literacy: <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 correctly
In LP5.1, I will know: how to identify congruent figures; how to identify congruent triangles; how to construct triangles.	12/05/25 - (WK 1)	Key Vocabulary Congruent	Homework Sparx Maths LP4:7 topics plus consolidation
In LP5.2, I will know: how to draw and interpret scatter graphs; how to describe linear correlation; how to draw and use line of best fit.	19/05/25 - (WK 2)	Key Vocabulary Correlation	Homework Sparx Maths LP5:1 topics plus consolidation
LP5 RLW, I will: 02/06/25 - (WK 1)			
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.			Sparx Maths Consolidation
In LP5.3, I will know: how to identify populations and samples; how to work with primary and secondary data.	09/05/25 - (WK 2)	Key Vocabulary Sample	Homework Sparx Maths LP5:2 topics plus consolidation
Extended Task.			
In LP5.4, I will know: how to draw and interpret bar charts; how to draw and interpret pie charts; how to construct and interpret stem-and-leaf diagrams.	16/06/25 - (WK 1)	Key Vocabulary Median	Homework Sparx Maths LP5:3 topics plus consolidation
In LP5.5, I will know: how to construct and interpret frequency tables; how to construct and interpret frequency polygons; how to find averages from frequency tables.	23/06/25 - (WK 2)	Key Vocabulary Mean	Homework Sparx Maths LP5:4 topics plus consolidation
In LP5.6, I will know: how to increase and decrease by a given percentage; how to express one number as a percentage of another.	30/06/25 - (WK 1)	Key Vocabulary Multiplier	Homework Sparx Maths LP5:5 topics plus consolidation
Extended Task.			
In LP5.7, I will know: how to calculate simple interest; how to solve reverse percentages problems.	07/06/25 - (WK 2)	Key Vocabulary Interest	Homework Sparx Maths LP5:6 topics plus consolidation
Resources to support learning: Pupils have access to knowledge organisers and Sparx Maths to further support them in their Mathematics revision beyond the classroom. All weekly homework tasks will be set on Sparx Maths and all questions have a video to support. Pupils can access any topic in the Independent Practice section on Sparx Maths. Sparx Maths has been introduced to the pupils by their teachers and their login details should be written in their planner.			
FFET Award Challenge for this Learning Programme: Complete 4 XP Boost or Target Tasks on Sparx Maths			

