

Year 11 Maths

Learning Programme 4

Reading texts that pupils will study during the learning programme

Loric for LP4 is Initiative

The values we are learning about are integrity and gratitude

Problem solving questions on percentages, two way tables and scatter graphs

Integrity - Being honest and having strong moral principles

Gratitude- the quality of being thankful and showing appreciation

What will I be learning about in this Learning Programme?

Where have I seen this learning before?

fraction, decimal and percentage conversion, percentage increase & decrease, averages, plotting coordinates

What could I use it for?

in combination with other topics to solve multi step problems in KS4.

In LP3.1, I will know :	10/03/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
mock exams; mock exams; mock exams.		I will show integrity by expressing gratitude to others.	Homework tasks are located in the Knowledge Organisers
In LP3.2, I will know :	17/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to rotate, reflect, enlarge and translate a shape; how to calculate area and perimeter; how to calculate the surface area of shapes.		I will show gratitude by showing my appreciation when someone does something nice.	Homework tasks are located in the Knowledge Organisers
In LP3.3, I will know :	24/03/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to calculate volume of shapes; how to calculate volume of shapes; how to find angles in parallel lines.		I will show integrity by taking responsibility for my actions whether they be good or bad.	Homework tasks are located in the Knowledge Organisers
Extended Task			
In LP3.4, I will know :	31/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to find angles in polygons; how to calculate lengths or areas using similarity; how to calculate missing values in triangles using congruence.		I will show gratitude by completing a random act of kindness.	Homework tasks are located in the Knowledge Organisers
In LP3.5, I will know :	21/04/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to calculate missing values in triangles using Pythagoras' theorem; how to prepare effectively for the GCSE exams.		I will show integrity by being reliable and trustworthy.	Homework tasks are located in the Knowledge Organisers
In LP3.6, I will know :	28/04/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to prepare effectively for the GCSE exams.		I will show gratitude by being respectful.	Homework tasks are located in the Knowledge Organisers
Extended Task			
In LP3.7, I will know :	05/05/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to prepare effectively for the GCSE exams.		I will show integrity by showing patience and flexibility when obstacles get in the way.	Homework tasks are located in the Knowledge Organisers
Resources to support learning:			
Students will be given login details by their class teacher. Homework will be linked to clip numbers on this website.			
FFET Award Challenge for this Learning Programme:			
Test your mathematical reasoning and problem-solving skills with the UKMT Intermediate challenge.			

PRT Task 1

PRT Task 2