

Year 10 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?

Percentages & interest, probability, collecting, representing and interpreting data, non-calculator methods.

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
how to prepare for an assessment; assessment.		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 calculate repeated percentage change; how to find the original value; how to solve problems involving growth and decay.		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 find probabilities; how to find probabilities from frequency trees; how to find probabilities from two way tables. Extended Task		I will show integrity by taking responsibility for my actions whether they be good or bad.	Homework tasks are located in the Knowledge Organisers
In LP3.4, I will know :	31/03/2025 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to construct and interpret tree diagrams; how to construct and interpret Venn diagrams.		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 construct frequency polygons; how to construct and interpret pie charts; how to construct and interpret histograms.		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 construct and interpret time series graphs; how to construct and interpret stem and leaf diagrams; how to construct and interpret cumulative frequency diagrams. Extended Task		I will show gratitude by being respectful.	Homework tasks are located in the Knowledge Organisers
In LP3.7, I will know :	05/05/2025 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to construct and interpret box plots; how to construct and interpret scatter graphs; how to construct and interpret scatter graphs.		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