

Year 10 Maths

Learning Programme 2

Vocabulary to be taught using the frayer model

Loric for LP1 is Organisation

The values we are learning about are compassion and honesty

Compassion - sympathy and concern for the suffering or misfortunes of others

Honesty - being truthful and refraining from cheating or lying

What will I be learning about in this Learning Programme?

Rearranging formulae, Right-angled trigonometry, Constructions and loci, Equations of linear graphs, Plotting and interpreting real-life graphs.

Where have I seen this learning before?

Rearranging formulae, Right-angled trigonometry, Constructions and loci, Equations of linear graphs, Plotting and interpreting real-life graphs

What could I use it for?

In combination with other topics to solve multi-step problems

theorem, expression, loci, perpendicular, intercept, linear, parallel

In LP2.1, I will know :	20/10/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to change the subjects of formulae with two or more steps; how to change the subject when it appears more than once; how to understand sin, cos and tan .		I will show honesty by accepting the consequences for my mistakes.	Homework tasks are located in the Knowledge Organisers
In LP2.2, I will know :	03/11/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to find unknown sides in right-angled triangles ; how to find unknown angles in right-angled triangles ; how to use the exact values of trigonometric ratios .		I will show compassion by giving encouragement to others.	Homework tasks are located in the Knowledge Organisers
LP2 RLW, I will:	10/11/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
review my learning, recalling and applying key knowledge, focus on closing any gaps in my knowledge and prepare effectively for the upcoming assessments.			
In LP2.3, I will know :	17/11/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to use angles of elevation and depression ; how to calculate with trigonometry and bearings; how to construct loci. Extended Task		I will show honesty by listening to and accepting the views of others.	Homework tasks are located in the Knowledge Organisers
In LP2.4, I will know :	24/11/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to complete an assessment.		I will show compassion by asking someone how they are.	Homework tasks are located in the Knowledge Organisers
In LP2.5, I will know :	01/12/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to understand equations of parallel lines; how to find the equation of a straight line from its gradient and a point; how to find the equation of a straight line from two points on the line .		I will show honesty by telling the truth about things.	Homework tasks are located in the Knowledge Organisers
In LP2.6, I will know :	08/12/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to understand equations of parallel and perpendicular lines; how to plot linear real-life graphs .		I will show compassion by actively listening and engaging with others.	Homework tasks are located in the Knowledge Organisers
In LP2.7, I will know :	15/12/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to use and find equations of linear real-life graphs how to sketch graphs of water flows.		I will show honesty by being true to myself.	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. https://sparxmaths.com/			
FFET Award Challenge for this Learning Programme:			
Achieve 100% homework completion on SPARX maths.			

PRT Task 1

PRT Task 2