

Year 10 Maths

Learning Programme 2

The LORIC skill focus for this LP is: ORGANISATION.

The Moral Values foci for this LP 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?

In LP2 pupils will focus on rearranging formulae, right-angled trigonometry, constructions and loci, equations of linear graphs, plotting and interpreting real-life graphs and parallel and perpendicular lines.

Where have I seen this learning before?

Algebra, angles in triangles, 2D shapes, plotting in the cartesian plane, sequences, linear equations.

What could I use it for?

In combination with other topics to solve multi-step problems.

Literacy Non-Negotiables:

- 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
- Vocabulary to be taught using the Frayer model

In LP2.1, I will know:	19/10/26 - (WK 2)	Frayer Model Words	Homework
how to change the subject of formulae with two or more steps.▯		theorem	Complete your weekly homework on https://sparxmaths.com/
In LP2.2, I will know:	02/11/26 - (WK 1)	Frayer Model Words	Homework
how to understand sin, cos and tan. how to find unknown sides in right - angle triangles. how to find unknown angles in right - angle triangles.▯		expression	Complete your weekly homework on https://sparxmaths.com/
LP2 RLW, I will:	09/11/26 - (WK 2)	Frayer Model Words	Homework
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.		revise	Complete your weekly homework on https://sparxmaths.com/
In LP2.3, I will know:	16/11/26 - (WK 1)	Frayer Model Words	Homework
how to find angles of elevation and depression.▯		loci	Complete your weekly homework on https://sparxmaths.com/
Extended Task.			
In LP2.4, I will know:	23/11/26 - (WK 2)	Frayer Model Words	Homework
how to construct loci.▯		perpendicular	Complete your weekly homework on https://sparxmaths.com/
In LP2.5, I will know:	30/11/26 - (WK 1)	Frayer Model Words	Homework
how to find equations of parallel lines. how to find the equation of a straight line from its gradient and a point.▯		intercept	Complete your weekly homework on https://sparxmaths.com/
In LP2.6, I will know:	07/12/26 - (WK 2)	Frayer Model Words	Homework
how to find equations of perpendicular lines.▯		linear	Complete your weekly homework on https://sparxmaths.com/
Extended Task.			
In LP2.7, I will know:	14/12/26 - (WK 1)	Frayer Model Words	Homework
how to plot real - life linear graphs.▯		parallel	Complete your weekly homework on https://sparxmaths.com/
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:			
Complete 100% of SPARX maths homework every week.			

PRT Task 1

PRT Task 2