Year 9   Maths
Learning Programme 4

The LORIC skill focus for this LP is: INITIATIVE.

The Moral Values foci for this LP are: INTEGRITY and GRATITUDE.

Integrity - Having strong moral principles. I will show integrity by taking responsibility for my actions.

Gratitude - Feeling and expressing thanks. I will show gratitude by saying please and thank you.

What will I be learning about in this Learning Programme?

In LP4, pupils will focus on quadratic graphs angles and bearings transformations, similarity and congruence.

Where have I seen this learning before?

Measures, angles, proportion, symmetry, 2d shapes, coordinates.

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 LP4.1, I will know:	09/03/26 - (WK 2)	Frayer Model Words	Homework
how to plot quadratic graphs. how to solve quadratic equations graphically.		Parabola	Complete your weekly homework on https://sparxmaths.com/

In LP4.2, I will know:	16/03/26 - (WK 1)	Frayer Model Words	Homework
how to find angles on parallel lines. how to combine angle facts.		degrees	Complete your weekly homework on https://sparxmaths.com/

In LP4.3, I will know:	23/03/26 - (WK 2)	Frayer Model Words	Homework
how to find angles in polygons. Extended Task.		angle	Complete your weekly homework on https://sparxmaths.com/

In LP4.4, I will know:	13/04/26 - (WK 1)	Frayer Model Words	Homework
how to measure and draw bearings. how to calculate bearings.		clockwise	Complete your weekly homework on https://sparxmaths.com/

PRT Task 1

In LP4.5, I will know:	20/04/26 - (WK 2)	Frayer Model Words	Homework
how to translate, reflect and rotate 2D shapes.		translation	Complete your weekly homework on https://sparxmaths.com/

In LP4.6, I will know:	27/04/26 - (WK 1)	Frayer Model Words	Homework
how to enlarge 2D shapes by a positive scale factor. Extended Task.		scale - factor	Complete your weekly homework on https://sparxmaths.com/

In LP4.7, I will know:	04/05/26 - (WK 2)	Frayer Model Words	Homework
how to understand similarity. how to find unknown sides in similar shapes.		dimensions	Complete your weekly homework on https://sparxmaths.com/

PRT Task 2

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.