Year 9   Mathematics
Learning Programme 3

The LORIC skill focus for this LP is: RESILIENCE

The values for this LP are RESPECT and JUSTICE

Respect - treat others how you would wish to be treated yourself.

Justice - our College rules are fair and reasonable

What will I be learning about in this Learning Programme?

In LP3 pupils will focus on working with ratio and proportion. plotting and interpreting linear graphs. Pupils will calculate with compound measures and plot and interpret distance-time graphs.

Where have I seen this learning before?

Measures, simple ratio, proportion, 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 LP3.1, I will know:	05/01/26 - (WK 2)	Frayer Model Words	Homework
how to write and simplify ratio. how to share amounts into a given ratio.		Ratio	Complete your weekly homework on https://sparxmaths.com/

In LP3.2, I will know:	12/01/26 - (WK 1)	Frayer Model Words	Homework
how to solve direct proportion word problems. how to solve inverse proportion word problems.		Unitary method	Complete your weekly homework on https://sparxmaths.com/

In LP3.3, I will know:	19/01/26 - (WK 2)	Frayer Model Words	Homework
how to convert currency. how to plot straight line graphs.		Gradient	Complete your weekly homework on https://sparxmaths.com/

PRT Task 1

In LP3.4, I will know:	26/01/26 - (WK 1)	Frayer Model Words	Homework
how to find the equation of a straight line graph. Extended Task.		Intercept	Complete your weekly homework on https://sparxmaths.com/

In LP3.5, I will know:	02/02/26 - (WK 2)	Frayer Model Words	Homework
how to calculate with speed. how to calculate with rates.		Rate	Complete your weekly homework on https://sparxmaths.com/

In LP3.6, I will know:	09/02/26 - (WK 1)	Frayer Model Words	Homework
how to plot distance time graphs.		Steepness	Complete your weekly homework on https://sparxmaths.com/

LP3 RLW, I will:	23/02/26 - (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/

PRT Task 2

In LP3.7, I will know:	02/03/26 - (WK 1)	Frayer Model Words	Homework
how to calculate from distance time graphs. Extended Task.		Constant	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.