Year 11 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	inverse, decay, power, factor, surd, truncate, estimate
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?
Number.

Where have I seen this learning before?
Percentages, types of number, standard form, exact calculations and limits of accuracy

What could I use it for?
In combination with other topics to solve multi-step problems

In LP2.1, I will know : 20/10/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to multiply with fraction, decimal and percentages; how to increase/decrease an amount with a decimal multiplier; how to use percentage change with and without a calculator.	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 reverse percentages with and without a calculator; how to use repeated percentage change and compound interest; how to use simple interest.	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 operations with standard form; how to find LCM and HCF with prime factors; how to use operations with fractions Extended Task	I will show honesty by listening to and accepting the views of others.	Homework tasks are located in the Knowledge Organisers

PRT Task 1

In LP2.4, I will know : 24/11/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to find fractions of amounts; how to prepare for mock exams .	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 prepare for mock exams ; how to simplify surds H; how to rationalise the denominator H.	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 expand brackets with surds H; how to use laws of indices (inc fract and neg H); how to use error intervals (bounds H). Extended Task	I will show compassion by actively listening and engaging with others.	Homework tasks are located in the Knowledge Organisers

PRT Task 2

In LP2.7, I will know : 15/12/25 - (WK 1)	Behaviour to support the values: STEPS/SLANT	Homework
how to use estimation how to convert from fractions and recurring decimals; how to convert from recurring decimals to fractions using algebraic methods H.	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.