

Year 8 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?

Sequences, Ratio, Rounding, Coordinates.

Where have I seen this learning before?

Term-to-term rules, Position-to-term rules, Ratio, Scale diagrams, Significant figures, Coordinates and midpoints

What could I use it for?

In combination with other topics to solve multi-step problems

Ratio, significant figure, estimate, order of operations, decimal places, degree of accuracy, error interval

In LP2.1, I will know :	20/10/25 - (WK 2)	Behaviour to support the values: STEPS/SLANT	Homework
how to write and simplify ratios; how to write ratios in the form 1:n an n:1.		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 convert between ratios fractions and percentages; how to use equivalent ratios to find unknown amounts.		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 share amounts in a given ratio; how to draw and interpret scale diagrams. 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 round integers to significant figures; how to round decimals to significant figures.		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 estimate calculations with integers; how to estimate calculations with decimals. Extended Task		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 find and calculate the coordinates of a midpoint; how to solve problems involving coordinates and the midpoint of coordinates.		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