1st bus incident report - 1st term

informed form tutor

Term	Week	Focus	Summary	Learning Outcomes	Learning skills
Term 2.1	1	Perimeter, Area and Volume	Plans and Elevations	Identify the front view, plan view and side view of a 3D solid; draw different views correctly on squared papers; show which sections are further back/forwards.	• Automaticity • Meta-cognition • Resilience
	2	Sequences, Equations and Graphs	Linear nth term	Find missing terms within a sequence; identify the term-to-term rule; find the nth term rule.	• Critical and logical thinking • Precision • Intellectual playfulness
	3	Sequences, Equations and Graphs	Linear nth term	Find the nth terms of a sequence; generating sequence when given the nth term.	• Speed and accuracy • Automaticity • Flexible thinking
	4	Sequences, Equations and Graphs	Expanding and Factorising Linear expressions	Simplify algebraic expressions; expand single brackets, application of expaning brackets; expand and simplify more than one bracket, expand multiple brackets including indices and simplify.	• Originality • Fluent thinking • Generalisation
	5	Sequences, Equations and Graphs	Expanding and Factorising Linear expressions	Factorise when there is a common numerical factor; factorise when there is a common algebraic factor.	• Strategy planning • Connection finding • Self-regulation

	6	Sequences, Equations and Graphs	Solving equations with unknowns on both sides	Understand about terms, expressions and equations, to solve the equations using balancing method; solve linear equations when variable appears both the sides.	• Critical and logical thinking • Precision • Intellectual playfulness
Term 2.2	**1**	Sequences, Equations and Graphs	Solving equations with unknowns on both sides	Form equations and expressions; apply area and perimeter formula of 2D shapes; worded problems.	• Problem solving • Fluent thinking • Generalisation
	2	Sequences, Equations and Graphs	Plotting lines with fractional and negative gradients	Plot straight lines using $y = mx + c$ equations using substitution and a table of values including fractional and negative gradients to strengthen substitution skills; Finding the gradient and y-intercept of a line when given the graph.	• Strategy planning • Connection finding • Self regulation
	3	Sequences, Equations and Graphs	Plotting lines with fractional and negative gradients	Find the gradient of a line given two points; Find the equation of a line given the gradient and a point.	• Big picture thinking • Hard working • Self regulation
	4	Sequences, Equations and Graphs	Plotting lines with fractional and negative gradients	Find the equation of a line given two points on the line; Finding the length of a line - previous knowledge is Pythagoras.	• Problem solving • Strategy planning • Meta-cognition
	5	Sequences, Equations and Graphs	Real life Graphs	Read and interpret Speed, Distance-time graph ; Solving worded problems based on real life.	• Abstraction • Problem solving • Generalisation