

Term	Date	Focus	Summary	Learning Outcomes	
Term 2	02/01/23	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.	
	09/01/23	Sequences, equations and graphs	Linear nth term	Find missing terms within a sequence; identify the term-to-term rule; find the nth term rule.	
	16/01/23		Linear nth term	Find the nth terms of a sequence; generating sequence when given the nth term	
	23/01/23		Expanding and Factorising Linear expressions	Simplify algebraic expressions; expand single brackets, application of expanding brackets; expand and simplify more than one bracket, expand multiple brackets including indices and simplify	
	30/01/23		Expanding and Factorising Linear expressions	Factorise when there is a common numerical factor; factorise when there is a common algebraic factor.	
	06/02/23		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.	
	13/02/23	School Break Half Term February			
	20/02/23	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.	
	27/02/23		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.	
	06/03/23		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;	
	13/03/23		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.	
20/03/23	Real life Graphs		Read and interpret Speed, Distance- time graph ; Solving worded problems based on real life		