



The Platinum curriculum is focussed around the objectives in the UK Curriculum of year 7 (grade 6). The schedule below shows you the objectives that will be taught each week on the course.

Pricing

Grade 6 Maths	One class per week (1 hour class)	\$1000sgd per term \$65 per session (late joiners)
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The course will allow full access to the resources and tutors will be available to respond to specific questions throughout the course.

The course for term 1 of the academic year 2024-25 will run from the week beginning 19.08.24 until week beginning 8.12.24

Week	Unit	Lesson	Objectives
19.08.2024	Unit 1: Numbers and Systems	Introduction to Number Categories	Categorise numbers as natural, integer, rational, irrational.
26.08.2024		Number Lines and Placement	Identify and place numbers on number lines, including negative numbers and fractions
02.09.2024		Order of Operations	Perform basic mathematical operations in the correct order. - Explanation of PEMDAS/BODMAS.
09.09.2024		Long Multiplication and Division	Perform long multiplication and division using various methods
16.09.2024		Identifying Patterns and Sequences	Identify patterns or rules for a sequence of numbers. - Recognize linear, square, cube, triangular numbers, and Fibonacci sequence.
23.09.2024		Exponents and Prime Factor Decomposition	Calculate integer exponents. - Perform prime factor decomposition. - Identify highest common factors and lowest common multiples.
30.09.2024	Unit 2: Percentages and	Calculating and Applying Percentages	Calculate percentages of numbers. - Understand real-world applications of percentages

07.10.2024	Proportions	Manipulating Ratios and Proportions	Manipulate ratios, including simplifying ratios. - Solve problems using proportional reasoning.
Half Term			
21.10.2024	Unit 2: Percentages and Proportions	Dividing and Solving Real-World Problems	Divide numbers into a given ratio. - Solve real-world problems using proportional reasoning.
28.10.2024	Unit 3: Expressions and Equations	Introduction to Algebra	Recognize algebraic like-terms and apply arithmetic rules.
04.11.2024		Expanding and Factorising	Expand single brackets including negative terms. - Factorise simple algebraic expressions.
11.11.2024		Substitution and Linear Sequences	Substitute numbers into algebraic expressions. - Generate algebraic rules for linear sequences
18.11.2024		Solving One-Step Equations	Solve one-step linear equations using a methodical layout.
25.11.2024		Solve multi-step linear equations and equations with brackets. - Practice problems.	Solve multi-step linear equations and equations with brackets. - Practice problems.

02.12.2024		Equations with Unknowns on Both Sides	Solve equations with unknowns on both sides.
09.12.2024		Solving Word Problems	Solve worded problems by writing and solving appropriate equations.