

Curriculum Overview – Autumn Term 2022-2023

Subject: Mathematics

Year group: 7, Progress International 11-14

Unit number	Unit name	Key learning aspects (knowledge, understanding, skills)	Key assessment opportunities
1	Analysing and displaying data	<ul style="list-style-type: none"> • Averages and range • More averages and range • Two-way tables and bar charts • More graphs and tables 	<ul style="list-style-type: none"> • Regular Homework • Oral responses in class • Observations of the standard of written solutions
2	Number	<ul style="list-style-type: none"> • Rules of divisibility • Factors, multiples and primes • Positive and negative numbers • Squares and square roots • Calculations 	<ul style="list-style-type: none"> • Regular Homework • Oral responses in class • Observations of the standard of written solutions • End of unit assessment
3	Equations, functions and formulae	<ul style="list-style-type: none"> • Simplifying algebraic expressions • Writing algebraic expressions • STEM: Using formulae • Writing formulae • Brackets and formulae 	<ul style="list-style-type: none"> • Regular Homework • Oral responses in class • Observations of the standard of written solutions

Unit number	Unit name	Key learning aspects (knowledge, understanding, skills)	Key assessment opportunities
4	Fractions	<ul style="list-style-type: none">• Working with fractions• Adding and subtracting fractions• Fractions, decimals and percentages• Multiplying by a fraction• Working with mixed numbers	<ul style="list-style-type: none">• Regular Homework• Oral responses in class• Observations of the standard of written solutions• End of Term assessment