

YEAR 7 CURRICULUM INFORMATION 2026-27 - MATHEMATICS

	Autumn 1	Autumn 2
What will students be learning?	- Sequences - Algebraic notation and substitution - Expressions and equations	- Place value, ordering and rounding - Four operations - Averages and range - Rounding and estimation
How will students be assessed?	There will be a baseline assessment and a checkpoint assessment on selected topics	There will be a Trust assessment in November
Literacy – What keywords will be taught?	Sequence, term, position, term to term, rule, common difference, linear, non-linear, ascending, descending, second difference, arithmetic, geometric, Fibonacci, function, input, output, operation, inverse, variable, expression, substitute, term, substitute, inverse, constant	Place value, digit, billion, place holder, integer, interval, scale, approximate, round, compare, greater, less, range, median, average, tenth, hundredth, decimal, significant figure, sum, difference, commutative, associative, inverse, difference, column method, place value, decimal point
What employability skills are being developed?	- Problem Solving - Resilience - Application of skills - Real life problems - Methodical	- Problem Solving - Resilience - Application of skills - Real life problems - Methodical
Wider Curriculum Links?	Students will come across patterns and sequences in the wider curriculum (Music, Art, Science)	Students will come across addition, subtraction, multiplication and division in the wider curriculum (Science, Business, PSHE, Music, History, Geography, PE, Technology)
What useful websites are there for this topic?	- Sparx - Corbett maths	- Sparx - Corbett maths
What wider reading could be done for this topic?	Revision Guides and workbooks are available on parent pay	Revision Guides and workbooks are available on parent pay
What else can students be doing independently to develop their understanding of this topic?	- Using knowledge organiser to test recall - Practising the questions on Sparx - Complete revision material on our website	- Using knowledge organiser to test recall - Practising the questions on Sparx - Complete revision material on our website

YEAR 7 CURRICULUM INFORMATION 2026-27 - MATHEMATICS

	Spring 1	Spring 2
What will students be learning?	- Graphing data - Fractions, decimals and percentages	- Directed number - Fractions and percentages of amounts - Perimeter and area
How will students be assessed?	There will be 2 checkpoint assessments on selected topics	There will be 2 checkpoint assessments on selected topics
Literacy – What keywords will be taught?	Primary/secondary data, sample, questionnaire, biased, pictogram, bar chart, tally, frequency, scale, axes, key, pie chart percentage, pie chart, sector, fraction, denominator, numerator, quotient, recurring, mixed number, convert	Positive, negative, number line, increase, decrease, minus, order of operations, numerator, denominator, percentage, perimeter, area, units, metric units, compound shape, formulae
What employability skills are being developed?	- Problem Solving - Resilience - Application of skills - Real life problems - Methodical	- Problem Solving - Resilience - Application of skills - Real life problems - Methodical
Wider Curriculum Links?	Students will come across Fractions, decimals and percentages in the wider curriculum (Geography, Food technology, Science, Business)	Students will come across directed numbers and fractions in the wider curriculum (Geography, Food technology, Science, Business, Music)
What useful websites are there for this topic?	- Sparx - Corbett maths	- Sparx - Corbett maths
What wider reading could be done for this topic?	Revision Guides and workbooks available on parent pay	Revision Guides and workbooks available on parent pay
What else can students be doing independently to develop their understanding of this topic?	- Using knowledge organiser to test recall - Practising the questions on Sparx - Complete revision material on our website	- Using knowledge organiser to test recall - Practising the questions on Sparx - Complete revision material on our website

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	Summer 1	Summer 2
What will students be learning?	- Speed, distance and time - Properties of number	- Add and subtract fractions - Angles and polygons
How will students be assessed?	There will be 2 checkpoint assessments on selected topics	There will be a Trust assessment in June
Literacy – What keywords will be taught?	Speed, distance, time, units, factor, multiple, positive, negative, reflection, symmetry, increase, decrease, minus, order of operations, indices, brackets, priority, power, root	Unit fraction, mixed number, integer, common denominator, improper fraction, acute, obtuse, reflex, angle properties, interior, exterior, parallel, perpendicular, diagonal
What employability skills are being developed?	- Problem Solving - Resilience - Application of skills - Real life problems - Methodical	- Problem Solving - Resilience - Application of skills - Real life problems - Methodical
Wider Curriculum Links?	Students will come across speed and number properties in the wider curriculum (Technology, Science)	Students will come across fractions and geometry in the wider curriculum (Geography, Science, Business, Technology)
What useful websites are there for this topic?	- Sparx - Corbett maths	- Sparx - Corbett maths
What wider reading could be done for this topic?	Revision Guides and workbooks available on parent pay.	Revision Guides and workbooks available on parent pay.
What else can students be doing independently to develop their understanding of this topic?	- Using knowledge organiser to test their recall. - Practising the questions on Sparx. - Complete revision material on our website.	- Using knowledge organiser to test their recall. - Practising the questions on Sparx. - Complete revision material on our website.