Bishop Stopford School

faith | justice | responsibility | truth | compassion

Key Stage 3 Curriculum Overview 2025-26

		Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
		AUTUMN 1 (21)	AUTUMN 2 (16)	SPRING 1 (18)	SPRING 2 (16)	SUMMER 1 (16)	SUMMER 2 (14)
Year 7 Overview		Topics in bold indicate higher order work which all students will be able to access in our curriculum.					
	Unit description	Order of Operations. Directed Numbers – adding and subtracting. Square numbers. Simplifying Algebra – collecting like terms, multiplying, **dividing and simple indices.** Rounding – Decimal Places and *Significant Figures* Use of a Calculator – fraction, brackets and square root key. **Square, cube and higher root keys, and reciprocal key.** Fractions, Decimals, Percentages Fraction operations. **Fractions and Mixed Numbers.**	Operations with decimals: Adding and Subtracting Decimals Long Multiplication. Multiplying and dividing negative numbers. **Multiplying and dividing decimals by decimals.** Expanding Brackets Expanding and simplifying a sum of brackets – **including negative numbers.** Factors, multiples and primes. Factorising expressions, **factorising expression with higher order.**	Probability – One and Two Events Sample Space Diagrams. Relative frequency, **expected values.** Averages – List of Numbers, **average problems; generating lists of numbers, finding the median of a large dataset.** Representing Data – Bar Charts, Pictograms, Vertical Line Graphs. Pie Charts – interpreting and drawing.	Tally charts, Frequency Trees and 2 way tables. Calculating probabilities from these. Recap averages Averages – **Tables discrete data.** Stem and Leaf Diagrams Comparing Data Substitution - Expressions Function Machines	Solving Equations One and *two-step solving.* **Including negative and fractional answers.** Recap basic angle rules **Angles in Parallel Lines Angles in Polygons** Angle Facts Solving Angle Problems Properties of triangles and Quadrilaterals Converting Units of Measure	Properties of triangles and Quadrilaterals Converting Units of Measure Area: Rectangles **Compound Shapes** Triangles Parallelograms **Trapeziums** Coordinates recap. Vertical/ Horizontal Straight Line Graphs **Straight Line Graphs in the form of y = mx + c.**
	Assessment	Formally assessed work 1 Formally assessed work 2 Consolidation Classwork and Homework(s)	Formally assessed work 3 Formally assessed work 4 Consolidation Classwork and Homework(s)	Formally assessed work 5 Assessment 1 Consolidation Classwork and Homework(s)	Formally assessed work 6 Formally assessed work 7 Consolidation Classwork and Homework(s)	Formally assessed work 8 Assessment 2 Consolidation Classwork and Homework(s)	End of Year Assessment Formally assessed work 9 Consolidation Classwork and Homework(s)
	Challenge	UKMT Junior and Intermediate Maths Challenge will ensure that students are given additional challenge. Termly Literacy Challenges – Famous Mathematicians and Maths in Engineering, Research a Mathematician (cultural aspect). Use the Maths display boards to find out more information about wider reading and popular culture, equations which have changed the world, maths in real life.					
	Inclusion	Identified students will be given a range of support, including small group intervention, sixth form maths partners, online SAM learning tasks, additional resources. Numeracy Ninjas – starters which improve numeracy and consolidate through retrieval activities. Maths teachers and the Inclusion Team communicate on a regular basis to identify additional areas of support., which can be addressed using SAM learning, or via lesson starters (Numeracy Ninjas).					

Key Stage 3 Curriculum Overview 2025-26

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	AUTUMN 1 (18)	AUTUMN 2 (15)	SPRING 1 (20)	SPRING 2 (17)	SUMMER 1 (13)	SUMMER 2 (15)
Year 8 Overview		Topics in bold indicate higher order work which all students will be able to access in our curriculum.				

	Unit description	Assessment

Year 8 Overview

Unit description

Term 1 (AUTUMN 1 (18))	Term 2 (AUTUMN 2 (15))	Term 3 (SPRING 1 (20))	Term 4 (SPRING 2 (17))	Term 5 (SUMMER 1 (13))	Term 6 (SUMMER 2 (15))
Fractions – four rules. Fractions, Decimals, Percentages conversion. Solving linear equations, including brackets and x on both sides, **and brackets on both sides.** Simplifying and sharing in a ratio Exchange rates and recipes. **Best buys.** **Combine ratios.**	Percentages of amounts: non-calculator and **calculator (multiplier)** methods. Substitution into expressions and **formulae, including equations of motion.** Compound Measures: Speed. **Convert between speeds, recognise that time as a decimal isn't just the time.**	Interpreting Information **Real life graphs.** Factors, multiples, primes and reciprocals. **Simple set notation** and Venn diagrams. Product of Prime Factors HCF and LCM using a venn diagram. Constructions – triangles and **bisectors (not loci).**	Multiplying and dividing decimals **Fractions to recurring decimals** Rounding Estimations **Pythagoras' Theorem** Drawing straight line graphs including ax + by = c **Drawing quadratic graphs**	**Drawing cubic, reciprocal and exponential graphs** Sequences: Types of sequences and nth terms Area: compound shapes triangles, parallelograms and **trapezia** Circumference **and area of circles** **Arcs and sectors – halves and quarters**	Scatter graphs Volume of cuboids and prisms including cylinders Surface areas of cuboids, cubes and **other prisms including cylinders** Compound Measures: Density Averages Averages from frequency tables, including **grouped mean and median.**

Assessment

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Formally assessed work 1 Formally assessed work 2 Consolidation Classwork and Homework (s)	Assessment 1 Formally assessed work 3 Consolidation Classwork and Homework (s)	Formally assessed work 4 Formally assessed work 5 Consolidation Classwork and Homework(s)	Assessment 2 Formally assessed work 6 Consolidation Classwork and Homework(s)	Formally assessed work 7 End of Year Assessment Consolidation Classwork and Homework(s)	Formally assessed work 8 Formally assessed work 9 Consolidation Classwork and Homework (s)

Challenge

Students will be stretched via extension Tasks, UKMT Junior and Intermediate Maths Challenge Resources.
Termly Literacy Challenges – Famous Mathematicians and Maths in Engineering, Research a Mathematician (cultural aspect).
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Inclusion/ Catch Up

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Year 9 Overview	Unit description	Algebra – Linear and **Quadratic expressions** expanding and **factorising, incl DOTS.** Linear Equations **Forming and solving expressions and equations** **Quadratic equations** Powers, roots and **rules of indices**	Powers of 10 Standard form conversion. **Calculations.** **Rearranging formulae** Fractions – Four Rules Decimals – multiplying/ dividing Rounding Upper and lower bounds, **calculations. Error intervals and truncation.**	Proportion **Direct and inverse proportion** **Algebraic** and worded contexts **(not squares or cubes).** Best buys. Multipliers of percentages. Map scales Angles review, parallel lines, polygons. **Finding Angles in parallel lines** Pythagoras **and Trigonometry**	Substitution recap. Drawing straight line graphs **Equation of a straight line** **Drawing other graphs** – cubic, reciprocal, exponential. **Sketching and recognising graphs of different functions**	Inequalities **Solving linear inequalities** Drawing/ writing vectors Transformations: Translations Rotations Reflections Enlargements (using a centre) (Not describing) **Combination of transformations and describing.**	Similarity and Congruency – stating and **proving using ASA, SSS, SAS** Review solving equations **including graphical.** Simultaneous Equations **Including graphical** Areas of 2d shapes and circles **(including circumference and rearranging)**
	Assessment	Formally assessed work 1 Formally assessed work 2 Consolidation Classwork and Homework(s)	Formally assessed work 3 Assessment 1 Consolidation Classwork and Homework(s)	Formally assessed work 4 Formally assessed work 5 Consolidation Classwork and Homework(s)	Formally assessed work 6 Assessment 2 Consolidation Classwork and Homework(s)	Formally assessed work 7 Formally assessed work 8 Consolidation Classwork and Homework (s)	End of Year Assessment Formally assessed work 9 Consolidation Classwork and Homework(s)
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