

Maths LTP - 2022/23

	Autumn term		Spring term		Summer Term	
	Half-term 1	Half-term 2	Half-term 3	Half-term 4	Half-term 5	Half-term 6
KS3	Core declarative skills Understand and use algebraic equations Equality and equivalence Place value ordering integers and decimals	Place value ordering integers and decimals Fractions, decimals and percentage equivalence	Solving problems with addition and subtraction Solving problems with division and multiplication Fractions and percentages of amounts	Operations and equations with directed number Addition and subtraction of fractions	Constructing, measuring and using geometric notation Developing geometric reasoning	Developing number sense Developing number sense Sets and probability Prime numbers and proof
Y9 Pegasus			To update: Core procedures and retrieval (6 lessons) Fractions and Percentage of amounts: Adding and Subtracting Fractions.	Proportional Reasoning: Ratio and Scale Multiplicative Change Multiplying and Dividing fractions	Working in the Cartesian plane Tables & Probability Brackets, equations & inequalities Sequences	Standard index form Angles in Parallel lines and polygons Measures of location Maths with money
Year 10	Core Declarative Development and Arithmetic Geometry and measures: Measures and	Statistics: Charts, tables and averages Geometry and measures: Angles	Core procedures and retrieval (6 lessons) Number: Approximations (New Curriculum) Unit 1.4: Number	Unit 2 Continued: Formula, Expand and factorising Unit 3: Further Statistical Representation:	Unit 5: Equations, inequalities and sequences: Unit 6: Angles: Properties, parallel lines, triangles,	Unit 7: Averages and Range Sampling, Estimating the mean. Unit 8: perimeter, area, volume 1.

	<p>scale drawings</p> <p>Statistics: Charts, tables and averages</p>	<p>Number: Number properties</p>	<p>Factors, Multiples,, square, cubes, index notation, prime factors</p> <p>Unit 2: Algebra: Expressions, substitution,</p>	<p>Steam and Leaf, Pie charts, Scatter, LOBF</p> <p>Unit 4: Fractions and Percentages: Arithmetic with fractions, F D P, Calculating percentage.</p>	<p>int/ext, geometrical problems.</p> <p>Retrieval and Consolidation Week.</p>	<p>Unit 9: Graphs Coordinates, gradient, $y=mx+c$</p> <p>Maths Literacy / STEM</p>
Year 11	<p>Core Declarative Development and Arithmetic</p> <p>Ratio and proportion and rates of change: Ratio, speed and proportion</p> <p>Geometry and measures: Perimeter and area</p> <p>Algebra: Expressions and formulae</p>	<p>Algebra: Expressions and formulae Linear Equations</p> <p><i>Mock examinations and revision</i></p> <p>Probability: Probability and events</p>	<p>Core procedures and retrieval (6 lessons)</p> <p>Ratio and proportion and rates of change: Percentages and compound measures</p> <p>Ratio and proportion and rates of change: Percentages and variation</p> <p>Statistics: Representation and interpretation (more complex statistics)</p>	<p>Geometry and measures: Constructions and loci</p> <p>Algebra: Number and sequences</p> <p>Probability: Combined events</p>	<p>Algebra Linear graphs</p> <p>Geometry and measures: Transformations Problem solving and language.</p> <p>Review: Topic Choice Revist</p>	<p><i>Revision</i></p> <p>June examinations</p>



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