Key Stage 3 Curriculum

Mathematics

In Year 7 Students will study:

	Winter Term		Spring Term		Summer Term	
	Half term 1	**Half term 2**	**Half term 3**	**Half term 4**	**Half term 5**	**Half term 6**
Content	Sequences Understand and use algebraic notation Equality and equivalence	Place Value and ordering integers and decimals Fraction, decimal and Percentage equivalence	Solving problems with addition and subtraction Solving problems with multiplication and division Fractions and percentage of amounts	Operations and equations with directed number Addition and subtraction of fractions	Constructing, measuring and using geometric notation Developing geometric reasoning	Develop number sense Sets and probability Prime numbers and proof
Homework	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required
Wider curriculum	Every lesson includes a deeper understanding of maths outside our classroom. Cultural Capital - careers - SMSC and British values are a prioity	Every lesson includes a deeper understanding of maths outside our classroom. Cultural Capital - careers - SMSC and British values are a prioity	Every lesson includes a deeper understanding of maths outside our classroom. Cultural Capital - careers - SMSC and British values are a prioity	Every lesson includes a deeper understanding of maths outside our classroom. Cultural Capital - careers - SMSC and British values are a prioity	Every lesson includes a deeper understanding of maths outside our classroom. Cultural Capital - careers - SMSC and British values are a prioity	Every lesson includes a deeper understanding of maths outside our classroom. Cultural Capital - careers - SMSC and British values are a prioity
Assessment	Unit Tests	Unit Tests	Unit Tests	Unit Tests	Unit Tests	Unit Tests
		AP1		AP2		AP3

In Year 8 Students will study:

	Winter Term		Spring Term		Summer Term	
	Half term 1	**Half term 2**	**Half term 3**	**Half term 4**	**Half term 5**	**Half term 6**
Content	Ratio and scale Multiplicative change Multiplying and dividing fractions	Working the cartesian plane Representing data Tables and probability	Brackets, equations and inequalities Sequences Indices	Fractions and percentages Standard form Number sense	Angles in parallel lines and polygons Area of a trapezia and circles Line symmetry and reflection	The data handling system Measures of location
Homework	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required
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Assessment	Unit Tests	Unit Tests	Unit Tests	Unit Tests	Unit Tests	Unit Tests
		AP1		AP2		AP3

In Year 9 Students will study:

	Winter Term		Spring Term		Summer Term	
	Half term 1	**Half term 2**	**Half term 3**	**Half term 4**	**Half term 5**	**Half term 6**
Content	Straight line graphs Forming and solving equations Testing conjectures	Three dimentional shapes Constructions and congruency	Number Using percentages Maths and money	Deduction Rotation and translation Pythagoras' Theorem	Enlargement and similarity Solving ratio and proportion problems Rates	Probability Algebraic representations Revision
Homework	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required	Homework will be set on a weekly basis using SPARX based on knowledge being studied and securing previous skills required
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Assessment	Unit Tests	Unit Tests	Unit Tests	Unit Tests	Unit Tests	Unit Tests
		AP1		AP2		AP3