KS3 Curriculum Overview (Step 1 – 4)

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage 3 Progression Steps (1, 2, 3, 4)	**Place Value** Numbers to 50 10s, 1s 100s, 10s, 1s 1000s,100s,10s,1s	**Shape/Geometry** Sort/name 2D & 3D Properties 2D & 3D Angles & lines Triangles & quadrilaterals	**Multiplication & Division** Groups, sharing **Division** By 2, 5, 10 2 digits by 1 digit 3 digits by 1 digit	**Measures** Non standard Basic measuring Comparing & perimeter Length, perimeter & area	(continue fractions) **Position and Direction** Position Turn Movement Using grids	(continue time) **Money** Recognising money Counting p or £ Giving change **Decimals & Money** 2 decimal places then Four rules of number (money)
	Addition & Subtraction Up to 20 2 digit numbers 3 digit numbers 4 digit numbers	**Place Value** Numbers to 100 **Multiplication** 2, 5, 10 times tables 3, 4, 8 times tables Up to 12 x 12	**Statistics** Sorting Block diagrams Bar charts Line graphs	**Fractions** Half, quarter Half, quarter, third Tenths Equivalent fractions (finish summer term)	**Time** Half hours Quarter hours 5 minutes Digital	
Links to: RRS **PFA** **SMSC**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Health** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Health** **Moral & Social**	**Articles 12, 13, 26, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**

FDP = fractions, decimals & percentages

KS3 Curriculum Overview (Step 5 – 8)

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage 3 Progression Steps (5, 6, 7, 8)	**Place Value** To a million To 10 million Decimals **Number** Standard Form BIDMAS	**Geometry** Use of protractor Angle facts Constructions Parallel Lines	**Division** 4 digits by 2 digits **Algebra** Basic algebra Notation Equality/equivalence Equations Sequences Indices	**Measures** Perimeter, area & volume Perimeter, area & volume **Geometry** Reasoning Area & Line Symmetry	(continue topic) **Position&Direction** Reflections & translations Co-ordinates **FDP** Equivalence **Statistics** Representing Data	(continue topic) **Ratio&Proportion** Calculating ratio **FDP** Fractions & Percentages **Converting Units** Metric Imperial **Number/Algebra** Directed Number & Equations
	Addition & Subtraction > 4 digit numbers Four Rules of Number Four Rules - decimals **Number** Ratio, proportion	**Multiplication** Factors & multiples Multiplication & Division **Number** Primes & proof **Algebra** Sequences Linear graphs	**Statistics** Tables Pie charts Sets & Probability Tables & Probability	**Fractions** Mixed & improper +, -, x, ÷ +,- improper / mixed **Statistics** Data Handling (finish summer term)	**FDP** 3 decimal places Conversions % of an amount Fraction/% of an amount Fractions (finish summer 2)	
Links to: RRS **PFA** **SMSC**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Health** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Health** **Moral & Social**	**Articles 12, 13, 26, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**

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KS3 Curriculum Overview (Step 9 – 11)

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage 3 Progression Steps (9, 10, 11)	**Number** Integers, real & irrational Number & Sequences Multiplicative reasoning	**Geometry** 3D shapes Congruency & similarity Geometric reasoning	**Algebra** Straight line graphs Equations & Inequalities Expanding & Factorising	**Algebra** Equations Simultaneous Equations **Measures** Using Graphs	(continue topic) **Geometry** Pythagoras Theorem Angles & bearings Circle work **Algebra** Functions	**Measure** Rates of change **Geometry** Vectors Revision
	Number Using % & money Ratio, Fractions & % **Algebra** Gradients	**Geometry** Construction & congruency Trigonometry **Algebra** Non-linear graphs	**Statistics** Tree Diagrams Probability Listing & Describing	**Geometry** Transformations Similarity **Statistics** Data **Algebra** Changing the subject (finish summer term)	**Number** Ratio & proportion **Geometry** Circles Transforming & Constructing (finish summer 2)	
Links to: RRS **PFA** **SMSC**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Health** **Moral & Social**	**Articles 12, 13, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Health** **Moral & Social**	**Articles 12, 13, 26, 28, 29** **Employment** **Independent Living** **Community Inclusion** **Moral & Social**

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