



KS1 and KS2 Maths

Year 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> •Counting •+/- to 5 or more •Addition totals to 10 •Properties of shape •+/- to 10 	<ul style="list-style-type: none"> •Counting & Number order •Place Value, comparing quantities and numbers •Mental Strategies for + •Subtraction as difference •+/- using money 	<ul style="list-style-type: none"> •Counting, reading & writing number patterns •Doubles & near doubles •Grouping & sharing •Fractions •Measures, incl. time •+/- to 15 	<ul style="list-style-type: none"> •Counting & Place Value •+/- beyond totals of 10 •Grouping & sharing •Shape, position & movement •Measuring & time •+/- totals to 10 	<ul style="list-style-type: none"> •Addition totals to 10 •+/- to 20 •Fractions •Multiplication & division •Measuring •Moving & Turning 	<ul style="list-style-type: none"> •Number & Place Value •Addition & subtraction •Fractions •Multiplication & division •Time & using standard units •Addition totals to 10

Year 2

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> •Number & Place value •Counting •Reading & writing 2-digit numbers •Addition •Subtraction •Multiplication & division – repeated addition •Properties of 2D & 3D shapes •Measures 	<ul style="list-style-type: none"> •Comparing & ordering 2-digit numbers •Place value •Mental calculation strategies +/- •Repeated addition, arrays, grouping and times table facts •Fractions •Position, direction and motion •Time •Data Handling 	<ul style="list-style-type: none"> •Estimating, counting & comparing quantities •Mental calculation strategies +/- •+/- using partitioning and counting on •Repeated addition & subtraction, arrays, grouping and times table facts •Properties of 2D & 3D shapes •Measures 	<ul style="list-style-type: none"> •Estimating, counting & comparing quantities •Mental calculation strategies +/- •Repeated addition & subtraction, arrays, grouping and times table facts •Fractions •Position & direction •Time •Statistics 	<ul style="list-style-type: none"> •Estimating, counting & comparing quantities •Mental calculation strategies +/- •Repeated addition & subtraction, arrays, grouping and times table facts •Fractions •Position & direction •Time •Statistics 	<ul style="list-style-type: none"> •Estimating, counting & comparing quantities •Mental calculation strategies +/- •Repeated addition & subtraction, arrays, grouping and times table facts •Fractions •Position & direction •Time •Statistics

Year 3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> •Reading, writing & ordering 2 & 3-digit numbers •Counting & estimating •Number facts to 20 & to 100 •+/- of 1 & 2-digit numbers •Multiplication & division facts •Measuring using mm, cm & metres •Recognising, describing & making 2D & 3D shapes 	<ul style="list-style-type: none"> •Counting & estimating •+/- of 2 & 3-digit numbers, using number line & columns •Doubling, halving & TU x U •Fractions •Time •Read, present & interpret pictograms & tables 	<ul style="list-style-type: none"> •Number, place Value & rounding •Using partitioning to +/- 2-digit numbers •Multiplying 1-digit numbers by 10 •Practical & informal written methods of multiplication •Adding & subtracting money •Recognising & drawing right angles inn 2D shapes 	<ul style="list-style-type: none"> •+/- of 2-digit numbers using columns •Multiplying by multiples of 10 •Dividing with remainders •Measuring using grams & kilograms •Fractions •Read & interpret bar charts, using scales 	<ul style="list-style-type: none"> •Reading, writing & ordering 2 & 3-digit numbers •Multiplication & division problems •+/- of 3-digit numbers and 1s, 10s & 100s •Shape – identifying lines •Measuring using ml & litres 	<ul style="list-style-type: none"> •+/- of 2 & 3-digit numbers using columns •Multiplication & division problems •Short multiplication & division •Fractions – +/- within 1 •Read & write time using 12 & 24 hour •Construct & interpret bar charts using scales

Year 4

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none">•Number, Place value & rounding•Mental addition & subtraction•Multiplication•Division•Properties of shapes•Measures	<ul style="list-style-type: none">•Mental & written +/-•Multiplication•Division•Fractions•Geometry•Data Handling & time	<ul style="list-style-type: none">•Number, Place value & rounding•Mental & written +/-•Mental & Written multiplication•Mental & Written division•Fractions•Decimals	<ul style="list-style-type: none">•Mental Calculation•Written +/-•Time•Written multiplication & division•Geometry•Data Handling & measurement	<ul style="list-style-type: none">•Place Value ideas•Mental +/- using measures•Written +/- using measures•Mental & Written multiplication/division•Fractions•Area & Perimeter•Capacity	<ul style="list-style-type: none">•Mental calculations•Measures•Written +/-•Mental & Written multiplication/division•2D shape, angles & coordinates•Statistics

Year 5

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> •Place value to 1,000,000 •Mental +/- •Factors & prime numbers •Using multiplication/division facts •Angles •Length, perimeter & area 	<ul style="list-style-type: none"> •Written methods for multiplication •Divide 4-digit numbers •Fractions – tenths & hundredths •Decimals – tenths, hundredths & thousandths •2D & 3D shapes •Tables & bar charts 	<ul style="list-style-type: none"> •Negative numbers •Solving problems •+/- of larger numbers & money •Long multiplication, square numbers & cube numbers •+/- fractions •Reflections & translations •Mass 	<ul style="list-style-type: none"> •Mental & written methods of +/- for large numbers •Written multiplication/division •Calculating with fractions •Percentages •Capacity •Line graphs/comparative graphs 	<ul style="list-style-type: none"> •Negative numbers & roman numerals •+/- large & small numbers •Long multiplication & division with remainders •Working with fractions •Diagonals & problems incl. angles •Volume, time & money 	<ul style="list-style-type: none"> •+/- of money •Multiplication & division of money •Decimals & fractions •Problems involving fractions •Perimeter, area & scale drawing •Using tables & graphs

Year 6

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<ul style="list-style-type: none"> •Place value & rounding •Mental & written +/- of large numbers •Multiples, factors & prime numbers •Written methods for multiplication & division: HTU x TU, HTU x U •Circles & angles Units of measure 	<ul style="list-style-type: none"> •Written methods for multiplication & division •Comparing, ordering & simplifying fractions •Multiplying decimals by 10, 100 & 1000 •Order of operations •2D & 3D shapes •Pie Charts 	<ul style="list-style-type: none"> •Negative numbers & solving problems •Mental & written +/- of decimals & money •Mental & written multiplication & division •Calculating fractions •Reflections & translations on coordinate axes •Perimeter, area & volume 	<ul style="list-style-type: none"> •Calculating with large numbers •Multiplying & dividing decimals •Percentages, decimals & fractions •Simple formulae •Area & Volume •Line graphs 	<ul style="list-style-type: none"> •Problems involving number •+/- large & small numbers •Long multiplication & division •Working with fractions •Problems involving percentages, fractions & decimals •Ratio & proportion 	<ul style="list-style-type: none"> •Solving problems involving money •Number puzzles •Fractions with different denominators •Problems involving percentages & decimals •Problems involving measures •Using data