



	Autumn 1				Autumn 2				Spring 1				Spring 2		Summer 1				Summer 2						
Reporting Y7				CfCs				BfL & LAL							BfL & LAL							BfL & LAL			
Year 7: Core	Baseline Assessment	1. Sequences: Describe and continue sequences, linear and non-linear, continue linear and non-linear sequences, term-to-term rules, missing terms.	2. Algebraic notation & substitution: Function machines, finding one and two step functions, substitution, 2 step function machines.	3. Expressions and equations: Equality & Equivalence, Related facts, Like & unlike terms, Solve 1&2 step equations.	4. Place value, ordering & rounding: Write integers, number lines, Compare and order integers, Decimal place value, Ordering and rounding.	5. Four operations: +/- integers & decimals, X/÷ by 10,100,100,0.1,0.01, Multiply and divide integers and decimals	6. Averages and Range: Mode, mean, Median, Range, Solve problems with averages and range.	7. Rounding & estimation: Round to 2 or more significant figures, Estimate calculations, Solve problems with estimation, Error intervals.	8. Graphing Data: Pictograms, Bar charts, Dual and Composite Bar charts, Coordinates, Scatter graphs, Correlation, Lines of Bestfit	9. Fractions, decimals & percentages: Represent 10ths & hundredths, Number lines with fractions & decimals, Tenths, hundreds, fifths & quarters, Eighths and thousandths, Understand Percentages, Convert simple fractions, decimals	10. Directed number: Directed number and number lines, Compare and order, Calculations that cross zero, Directed numbers and zero pairs, + x ÷, BIDMAS	11. Fractions & Percentages: Fraction & % of an amount, Use a fraction/% to find a whole, Percentage inc/dec, F/% >1	12. Perimeter & Area: Units, Perimeter of Polygons & compound shapes, Areas of Triangles and special quads, Form expressions.	13. Speed, distance & Time: Convert between units of time, Tables, timetables, calendar, SDT, DT graphs	14. Properties of number: Multiples; Factors, Primes; Square, cube & triangular numbers; Square & cube roots, HCF&LCM	KS3 EOY Revision & Exams	15: Add & Subtract fractions: Simplifying; Mixed & Improper; + - fractions; + - decimals & fractions; Fractions & algebra.	16: Angles & Polygons: Draw & measure; notation; Angles around a point & straight line; Vertically opposite, Polygons; Angles in triangles & Quads; Parallel & Perpendicular	Curriculum Enrichment Week						
		1. Sequences: Diagrams; Continue sequences, linear and non-linear, term-to-term rules, written rules.	2. Algebraic notation & substitution: 1 step Function machines (number & algebra); finding one step functions, substitution, 2 step function machines	3. Expressions and equations: Like & unlike terms; collect like terms; Solve 1 step equations.	4. Place value, ordering & rounding: Write integers, number lines, Compare and order integers, Decimal place value, Ordering and rounding.	5. Four operations: Number bonds; +/- integers; Double and halve; x ÷ integers; Order of operations.	6. Averages and Range: Mode, mean, Median, Range.	7. Rounding: Round to nearest 10,100 & 1000.	8. Graphing Data: Pictograms, Bar charts, Dual and Composite Bar charts, Coordinates, Scatter graphs, Correlation, Lines of Bestfit	9. Fractions, decimals & percentages: Explore equal parts; Fractions on a number line; Understand percentages; Explore tenths, halves, quarters, hundredths, fifths and one eighths	10. Directed number: Negative numbers & number lines; Compare & order directed numbers; Calculations that cross zero; Negative numbers & zero pairs	11. Fractions & Percentages: Unit fraction of an amount; Use a unit fraction to find a whole; % of an amount (10,25,50%); Calculator.	12. Perimeter & Area: Using a grid; Perimeter of Polygons; Areas of Triangles and special quads; units.	13. Speed, distance & Time: Convert between units of time, Sppeed, distance & time non calculator and calculator approach.	14. Four operations with decimal numbers: + - decimals; Solve problems with decimal + - ; x ÷ integers and decimals by 10,100,1000.		15: Properties of number: Multiples; Factors, Primes; Square, cube & triangular numbers; counter examples.	16: Add & Subtract fractions: same denominator ; make a whole; subtract from a whole; Simplifying; Mixed & Improper; + - fractions; + - decimals & fractions			17: Angles & Polygons: Draw, measure, classify & estimate; Angles around a point & straight line; Vertically opposite, Polygons; Angles in triangles & Quads				
Year 7: Support	Baseline Assessment	1. Sequences: Diagrams; Continue sequences, linear and non-linear, term-to-term rules, written rules.	2. Algebraic notation & substitution: 1 step Function machines (number & algebra); finding one step functions, substitution, 2 step function machines	3. Expressions and equations: Like & unlike terms; collect like terms; Solve 1 step equations.	4. Place value, ordering & rounding: Write integers, number lines, Compare and order integers, Decimal place value, Ordering and rounding.	5. Four operations: Number bonds; +/- integers; Double and halve; x ÷ integers; Order of operations.	6. Averages and Range: Mode, mean, Median, Range.	7. Rounding: Round to nearest 10,100 & 1000.	8. Graphing Data: Pictograms, Bar charts, Dual and Composite Bar charts, Coordinates, Scatter graphs, Correlation, Lines of Bestfit	9. Fractions, decimals & percentages: Explore equal parts; Fractions on a number line; Understand percentages; Explore tenths, halves, quarters, hundredths, fifths and one eighths	10. Directed number: Negative numbers & number lines; Compare & order directed numbers; Calculations that cross zero; Negative numbers & zero pairs	11. Fractions & Percentages: Unit fraction of an amount; Use a unit fraction to find a whole; % of an amount (10,25,50%); Calculator.	12. Perimeter & Area: Using a grid; Perimeter of Polygons; Areas of Triangles and special quads; units.	13. Speed, distance & Time: Convert between units of time, Sppeed, distance & time non calculator and calculator approach.	14. Four operations with decimal numbers: + - decimals; Solve problems with decimal + - ; x ÷ integers and decimals by 10,100,1000.	15: Properties of number: Multiples; Factors, Primes; Square, cube & triangular numbers; counter examples.	16: Add & Subtract fractions: same denominator ; make a whole; subtract from a whole; Simplifying; Mixed & Improper; + - fractions; + - decimals & fractions	17: Angles & Polygons: Draw, measure, classify & estimate; Angles around a point & straight line; Vertically opposite, Polygons; Angles in triangles & Quads	Curriculum Enrichment Week						
Reporting Y8				CfCs				BfL & LAL							BfL & LAL							BfL & LAL			
Year 8: Core		1. Ratio: Understand ratio; Ratio problems (whole, part, difference); simplify; Unit ratios; Ratios & fractions; Problem solving.	2. Proportion & Scale: Direct Proportion; Conversion Graphs; Currency; Direct Prop graphs; Similar shapes; Metric units; Scale	3. Algebraic manipulation : Formulae, expressions, identities & equations; Simplify expressions; Directed number with algebra; Substitution; brackets.	4. Coordinates & Graphs: 4 quadrants; Lines parallel to the axes; Tables of values; y=x; y=mx ; Direct proportion; y=mx+c; midpoints; Quadratics.	5. Multiply & Divide fractions: fraction x integer; fraction x fraction; reciprocals; Dividing integers & fractions; Divide fractions;	6. Symmetry & Reflection: Line & rotational symmetry; Reflection in horizontal, vertical and diagonal lines; Describe reflections	7. Area, Volume & Density: Name 2D&3D shapes; Area of compound shapes; Prisms; Volumes of cubes & cuboids; Unit conversion;	8. Equations & Inequalities: Solve 1&2 step equations; More complex & fractional equations; Form & solve equations; Unknowns	9. Percentages: % of an amount; Percent & decimal conversions; multipliers; % inc/dec using a multiplier; One number as a F/% of another; Reverse %.	10. Indices: Add & subtract expressions with Indices; Multiply & divide expressions with indices; Addition & subtraction laws; Powers of powers;	11. Standard form: Positive & Negative powers of 10; Numbers > 1 in st form, Numbers <1 in st. form; Calculators.	12. Interpret & Represent data: Data types; Averages & range; outliers & errors; Appropriate averages; Compare distributions; Averages	13. Angles in parallel lines & Polygons: Rules & notation; Angles in parallel lines; Special quadrilaterals and their diagonals; Find unknown lengths and angles in special quads; Interior & Exterior angles of polygons.	14. Tables & Probability: Probability vocabab 7 scale; Probability of 1 or more events; Probability experiments; Sample-space diagrams; Two-way tables; Frequency trees	KS3 EOY Revision & Exams	15. Circles: Vocab; Pi; Circumference & perimeter; Area; Compound shapes.	16. Graphs & Charts: Pictograms & bar charts; Vertical line charts; Pie charts; Line graphs; Interpreting & comparing; Misleading graphs	17. Sequences: Generating sequences; nth term of a linear sequence;	Curriculum Enrichment Week					

Year 8: Support	1. Ratio: Understand ratio; Ratios & fractions; Simplify ratios; Problem solving (part and whole given).	2. Proportion & Scale: Unitary method; Multiplier method; Recipes; Conversion graphs; Currency conversion; Scale diagrams.	3. Directed number: + - directed numbers; $\times \div$ directed numbers.	4. Algebraic manipulation: Collect like terms; Expand a single bracket; Factorise into a single bracket.	5. Coordinates & Graphs: 4 quadrants; Lines parallel to the axes; Tables of values; $y=mx+c$; Plot straight line graphs.	6. Multiply fractions: Representation of fractions; Mixed 7 improper conversion; Simplify; Multiply integers & fractions.	7. Area, Volume & Density: Name 2D&3D shapes; Area of triangles, quadrilaterals & compound shapes; Volumes of cubes & cuboids.	8. Equations: Bar models; Solve 1&2 step equations; equations with fractions and brackets; Solve problems.	9. Fractions & Percentages: %&fraction of an amount; Fraction, Percent & decimal conversions; % inc/dec.	10. Decimal arithmetic & Indices: Rounding; Multiplication & division; Simplification.	11. Expressions & Indices: Undetermined; Positive & negative powers of 10; Simplification.	12. Standard form: Integers to 10000; Positive & negative powers of 10; Simplification.	13. Interpret & represent data: Interpret & collect data; Averages & range; Ungrouped frequency tables; Mean from an ungrouped frequency	14. Angles in polygons: Measure & draw angles; Angles on a straight line & around a point; Vertically opposite; Angles in triangles; Angles in	15. Tables and probability: Probability vocabulary & scale; Listing outcomes; Probability of single event; Probability experiments; Two way tables & sample spaces; frequency trees.	16. Circles: Circle vocabulary; Circumference (calculator & non-calculator); Area (calculator & non-calculator).	KS3 EOY Revision & Exams	17. Graphs & charts: Draw pie charts; Angles in sectors of pie charts; Interpret pie charts.	17. Sequences: Describe & continue a sequence; Generate a sequence given a rule in words; Generate a sequence given a simple	18. Symmetry & Reflection: Reflect in a horizontal line; Reflect in a	Curriculum Enrichment Week		
Reporting Y9	CFCs			BFL & LAL			BFL & LAL							BFL & LAL									
Year 9: Core	1. Properties of number: Factors, multiples, primes; Product of primes; HCF,LCM; Venn diagrams; Integers, real numbers & rational numbers; intro to	2. Percentages: % increase & decrease; express a change as a %; Find original value; Problem solving; Repeated % change; Interest.	3. Area & Volume: Nets; Area of 2D shapes; Area and Circumference of a circle; Surface area of cubes, cuboids, triangular prisms & cylinders; Volume; Convert	4. Equations, Inequalities & Formulae: Solve equations & Inequalities; with negative numbers; Unknowns on both sides; Problem solving;	5. Fractions: + - $\times \div$ with and by fractions; Fractions of an	6. Rates: Speed, distance & time; DT Graphs; Flow problems & their graphs; Rates of change & their units; Convert compound units.	7. Standard form: Compare & order numbers in standard form; $\times \div$ in standard form; + - in standard form	8. Maths & Money: Bank accounts; VAT; Ways to pay; Ways to save; jobs & pay; Investing; Borrowing; Running a house or a business; budgeting; Spending overseas; Insurance.	9. Straight line graphs: Line parallel to the axes; Explore gradients & intercepts; $y=mx+c$; rearrange equations to $y=mx+c$; Find equation of a line; gradient & intercepts of real-life	10. Ratio & Proportion: Direct proportion; Conversion graphs; Inverse proportion; Ratio problems; Ratio & algebra.	11. Construction & Congruence: Draw & measure angles; Accurately draw triangles; Construct angle & perpendicular bisector; Accurately	12. Similarity: Enlargements & similarity; Work out unknown lengths & angles in similar shapes; Solve problems with similar triangles;	13. Algebraic manipulation: Expand single brackets & simplify; Factorise into a single bracket; Expand double brackets; Use identities; Factorise quadratic expressions; Solve quadratic equations.	14. Pythagoras' theorem: Solve equations with squares & square roots; the hypotenuse, Using Pythagoras' theorem; Pythagoras' theorem on coordinate	15. Non-linear graphs: Substitute into quadratic expressions; Draw quadratic graphs; Interpret quadratic graphs; Reciprocal & exponential	16. Sets & probability: Identify & represent sets; Intersection; Union; Using diagrams to work out probabilities; Relative frequency; expected outcomes; independent	KS3 EOY Revision & Exams	17. Transformations: Enlargements (positive, negative and fractional SF); Rotation; Translation; Reflection; Combined transformations.	18&19: Simultaneous equations & Trigonometry (Optional): Introduction; Solve simultaneous equations algebraically and graphically; Elimination & substitution methods; Right-angles triangle trigonometry in 2D	Curriculum Enrichment Week			
Year 9: Support	1. Properties of number: Factors, multiples, primes; Product of primes; HCF,LCM; Venn diagrams.	2. Percentages: Convert F,D,%; % of an amount; % increase & decrease; Find the original value; express one number as a % of another:	3. Area & Volume: Name 3D shapes; Faces, edges & vertices; Nets; Areas; Surface areas of cubes & cuboids; Volume of Prism & cylinder.	4. Equations, Inequalities & Formulae: Solve equations; brackets; Inequalities; Solve one and two-step inequalities.	5. Fractions: + - $\times \div$ with and by fractions; Fractions of an	6. Rates: Speed, distance & time; Interpret & draw distance-time Graphs.	7. Standard form: Compare & order numbers > 1 in standard form; Negative powers	8. Four operations: BIDMAS with integers & decimals.	9. Maths & Money: Bank accounts; VAT; Ways to pay; Ways to save; jobs & pay; best buy; budgeting; Spending overseas.	10. Straight line graphs: Coordinates in 4 quadrants; Lines parallel to the axes; $y=mx+c$; $ax+by=c$	11. Ratio & proportion: Direct proportion; Conversion graphs; Ratio problems; with ratio; Inverse proportion.	12. Construction & congruence: Measure & draw angles; Accurate drawings of triangles; Congruence; Congruent triangles.	13. Geometry & measures: Recognise similar shapes; work out unknown lengths and angles in similar shapes.	14. Algebraic manipulation: Expand single brackets and simplify; Expand single brackets; Expand double brackets.	15. Pythagoras' theorem: Squares & square roots; Solve equations with squares & square roots; the hypotenuse, Using Pythagoras' theorem.	16. Non-linear graphs: Substitute into quadratic equations; Draw quadratic graphs.	17. Probability: Single events; using diagrams; Venn diagrams; events not happening; Probability experiments; Expected outcomes.	KS3 EOY Revision & Exams	18. Transformations: Enlargement; Line & rotational symmetry; Rotation about a point; Translations.	19. Angles in polygons: One step-angle problems; triangles; quadrilaterals; Multi-step angle problems; Polygons; Exterior & interior angles; Solving	20: Angle in parallel lines: Alternate angles; corresponding angles; co-	Curriculum Enrichment Week	