

Term	Week beginning	Week	Module	Content
Summer 2 (Flying Start)	01-Jun	B	Number & Calculations	Written methods for calculations - + / - / x / divide
	08-Jun	A		Calculations with Negative Numbers & BIDMAS
	15-Jun	B		Properties of Numbers - squares, cubes, multiple, factor, prime, prime factor form
	22-Jun	A		Properties of Numbers - HCF & LCM, by listing, using Venn diagrams
	29-Jun	B	Algebra 1	Notation & Definitions, Simplifying expressions - x / divide / collecting like terms
	06-Jul	A		Expanding a single brackets, and then collecting. Factorising
	13-Jul	B		Substitution into Function Machines, Expressions & Formulae (using rules of BIDMAS)
	28-Sep	A		Area of circles, sectors, ALL compound, working backwards
	05-Oct	B	Solving linear equations	Solving 1 sided equations - including with fractions & brackets
	12-Oct	A	Solving linear equations	Solving 2 sided equations - including more fractions, brackets & negatives
	19-Oct	B	Solving linear equations	Forming and solving equations incl for Area & Perimeter
	02-Nov	A	FDP	Fractions - equivalent, simplifying, ordering, convert between mixed numbers & improper fractions
	09-Nov	B		Convert between fractions & percentages, percentages & decimals, Ordering FDP

Autumn 2	16-Nov	A	Fractions	Adding, Subtracting, Multiplying & Dividing Fractions, incl mixed numbers
	23-Nov	B		BIDMAS with Fractions, Fractions of an amount, Calc and Non-Calc. Find original amount from a fraction
	30-Nov	A	Angles	Naming angles, measuring & drawing angles. Basic Angle facts & giving reasons
	07-Dec	B		Names & properties of Special Triangles & Quadrilaterals
	14-Dec	A		Angles in polygons - Interior & Exterior, Regular & Irregular
Spring 1	04-Jan	A	Non-Calc Percentages	Percentage of amounts, increase/decrease, express change as a percentage
	11-Jan	B	Operations with decimals	Add/Subtract, Multiply/divide (All Non-Calc)
	18-Jan	A		Convert between fractions and decimals (NC and Calc), then 4 operations with Fracs & Decs
	25-Jan	B	Transformations	Translation, including column vector notation, Rotation
	01-Feb	A		Reflection, Combinations of Transformations & Enlargement (incl fractional)
	08-Feb	B		REVISION

Spring 2	22-Feb	A	Ratio	Equivalent & Simplifying ratios, 1:n, Sharing in a ratio, finding a missing part
	01-Mar	B		Combining ratios, Solving more than / less than problems, problems involving fracs, % and ratios
	08-Mar	A	Averages and range	Averages from list and tables, Combined mean problems
	15-Mar	B	Representing Data	Bar charts (incl comparative & compound) Pictograms, Pie charts, Stem & Leaf
	22-Mar	A		Frequency Polygons, Scatter graphs
Summer 1	12-Apr	A	Proportion	Best buy, exchange rates, Recipes
	19-Apr	B		Direct and inverse proportion, scale drawings & map scales
	26-Apr	A	Sequences and nth term	Sequences & nth term - generate from nth term formula, find nth term formula
	03-May	B		Using the nth term to check if a value is in a sequence, Fibonnaci sequences
	10-May	A	Calculations with fractions and percentages	Fractions and percentages of amounts with calc (incl using multiplier)
	17-May	B		Reverse % changes, Simple & compound interest, repeated % change (incl depreciation)
	24-May	A	Angles	Angles with Parallel lines (angle reasoning)
A				
Summer 2	07-Jun	B	Angles	Bearings (incl with scale drawings)
	14-Jun	A	Probability	Probability on number line, sum of 1, Probability of events, Experimental vs Theoretical, Number of outcomes
	21-Jun	B	Linear inequalities	Notation, listing integers, on a number line and solving
	28-Jun	A	EOY EXAMS	REVISION

	05-Jul	B	EOY EXAMS	REVISION
	12-Jul	A	WORK EXPERIENCE	

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Summer 2 (Flying Start)	01-Jun	B	Linear Equations	Vocab, expanding single, double & triple brackets, and simplify
	08-Jun	A		Factorising linear expressions & Solving linear equations (incl 2 sided)
	15-Jun	B		Forming equations to solve (from geometric & worded problems). Substitution into formulae
	22-Jun	A		Rearranging equations - including where the subject appears twice
	29-Jun	B	Linear Graphs	Plotting linear graphs from tables, and lines parallel to axes, $y = mx + c$
	06-Jul	A		Information from 2 coordinates - mid-point, gradient, equation of a line from
	13-Jul	B		Parallel & Perpendicular lines - incl from 2 coordinates
Autumn 1	31-Aug	A	Linear inequalities	Listing integers, Representing on a number line, Solving
	07-Sep	B		Representing / Defining a region for a set of inequalities
	14-Sep	A	Quadratic graphs and functions	Solving quadratics by factorising
	21-Sep	B		Solving quadratics - by the formula, and completing the square
	28-Sep	A		Forming & solving quadratic equations - from geometric problems, and solving quadratic inequalities
	05-Oct	B		Plot quadratic, cubic, reciprocal & exponential graphs. Match graphs to functions, and key features of a parabola

	12-Oct	A	Algebraic fractions	Simplifying, multiplying & dividing algebraic fractions
	19-Oct	B		Adding & subtracting, and solving from algebraic fractions
Autumn 2	02-Nov	A	Sequences	Linear Sequences - nth term, checking a value, determine a position, generating from a Recurrence relationship
	09-Nov	B		Quadratic Sequences - nth term, finding a term
	16-Nov	A	Simultaneous equations	Solving simultaneous linear equations - graphically, by substitution & by elimination
	23-Nov	B		Solving simultaneous equations - one linear, one quadratic. Solving in context
	30-Nov	A	Algebraic proof	Construct and present
	07-Dec	B	Rounding	Error interval & bounds, Max & Min solutions
	14-Dec	A	Powers and roots	Review of rules of indices - Simplifying & Evaluating
Spring 1	04-Jan	A	Standard form	Converting & problem-solving
	11-Jan	B	Surds	Simplify/operations with surds
	18-Jan	A		Rationalising denominator
	25-Jan	B	Percentages	FDP conversions, % amounts, % change
	01-Feb	A		Reverse %, REVISION
	08-Feb	B	REVISION	REVISION
Spring 2	22-Feb	A	Percentages	Simple / Compound interest, Rate of change/decay problem & iterative formula
	01-Mar	B	Ratio	Simplifying, missing amounts, more than less than

Spring 2	08-Mar	A	Ratio	Combining ratios, algebraic problems, maps & scale drawings
	15-Mar	B	Proportion	Best buy, exchange rates, & recipes
	22-Mar	A		Direct & Inverse Proportion Formulae, Capture & recapture
Summer 1	12-Apr	A	Probability	Sample space, Probability of events, Theoretical/ experimental probability
	19-Apr	B		Two-way tables, frequency trees, Product rule for counting
	26-Apr	A		Venn Diagrams & Set Notation
	03-May	B		Tree diagrams & algebra
	10-May	A	Statistics	Averages and range including frequency tables
	17-May	B	Representing Data	Stem & Leaf Diagrams, Frequency Polygons, and Averages from
	24-May	A		Bar charts, pictograms, pie charts, Time series graph
Summer 2	07-Jun	B	Representing Data	Scatter Graphs, correlation, lobf, Quartiles from a list of data
	14-Jun	A		Cumulative Frequency & Box Plots
	21-Jun	B		Histograms
	28-Jun	A	EOY EXAMS	REVISION
	05-Jul	B		
	12-Jul	A		

Term	Week beginning	Week	Module	Content
	31-Aug	A		

Autumn 1	07-Sep	B	Probability	Probability on a number line, describing, sum of 1, Probability of events, Experimental vs Theoretical
	14-Sep	A		Number of sucessful outcomes, Two-way tables, Frequency trees & probabilities from
	21-Sep	B		Sample space diagrams & Tree diagrams for 2 events
	28-Sep	A		Venn Diagrams & Set Notation
	05-Oct	B	Indices & Standard Form	Rules of Indices - simplifying
	12-Oct	A		Rules of Indices - evaluating
	19-Oct	B		Standard Form - Converting / Calculations with (calc and non-calc)
	26-Oct			
Autumn 2	02-Nov	A	Pythagoras Theorem	Finding a missing length, worded problems, determine if a triangle is right-angled
	09-Nov	B		Using Pythagoras Twice and more Problem solving
	16-Nov	A	Function Machines	Function machines & Substitution into expressions
	23-Nov	B		REVISION
	30-Nov	A		REVISION
	07-Dec	B	Quadratics	Expand double brackets, and writing expression for area
	14-Dec	A		Factorise & solve quadratic equations
Spring 1	04-Jan	A	Trigonometry	Finding a missing length or angle
	11-Jan	B		Problem solving & exact values of 0, 30, 45, 60, 90
	18-Jan	A	3D Shapes	Names, plans & elevations, nets
	25-Jan	B		Surface Area & Volume of prisms (incl cylinders), converting units for area & volume
	01-Feb	A	Shape: Symmetry, Congruency & Similarity	Volume of composite solids, forming expressions & problem solving, Symmetry

	08-Feb	B	Shape: Symmetry, Congruency & Similarity	Congruency & Similarity
	15-Feb			
Spring 2	22-Feb	A	Compound measures	Converting metric units, SDT, and converting units for speed
	01-Mar	B		Split journeys, PFA, DMV
	08-Mar	A	Real-Life Graphs	Distance Time graphs, Conversion graphs
	15-Mar	B	Linear graphs	Plotting linear graphs, gradient & $y = mx + c$
	22-Mar	A		Parallal lines, midpoint, finding an equation from coords
Summer 1	12-Apr	A	Non-Linear graphs	Plotting quadratic graphs, reading key inforamtion
	19-Apr	B		Plotting other non-linear graphs & matching graphs
	26-Apr	A	Simultaneous equations	Solving simultaneous equations - by elimination & graphically
	03-May	B	Constructions and Loci	Constructing triangles & bisectors
	10-May	A		Constructing a perpendicular to a line, Solving Loci Problems
	17-May	B		REVISION
	24-May	A		REVISION

Term	Week beginning	Week	Module	Content
	31-Aug	A		
	07-Sep	B	Geometry - 2D and 3D shapes	Properties of shapes - naming, properties of, notation
	14-Sep	A		Perimeter - polygons, forming equations, circles

Autumn 1	21-Sep	B	Geometry - 2D and 3D shapes	Perimeter - arc length, compound shapes, working backwards
	28-Sep	A		Area - all formulae, compound shapes, circles
	05-Oct	B		Area - sectors, segments, working backwards
	12-Oct	A		Area - working backwards, forming equations, proportions shaded, etc
	19-Oct	B		2D representations of 3D solids - naming solids, nets, plans & elevations
	26-Oct			
Autumn 2	02-Nov	A	Geometry - 2D and 3D shapes	Surface area of prisms, cylinders, cones & spheres
	09-Nov	B		Volume - of prisms, cylinders, composite solids
	16-Nov	A		Volume - of pyramids, cones, spheres, frustrums
	23-Nov	B		Converting units for length, area & volume, REVISION
	30-Nov	A		REVISION
	07-Dec	B	Compound Measures	Density & Pressure, incl density of composite liquids
	14-Dec	A		SDT - finding missing values, converting units
	21-Dec			
	28-Dec			
Spring 1	04-Jan	A	Interpreting Graphs	Distance time Graphs & Speed time graphs, conversion graphs
	11-Jan	B		Approximate gradient from a tangent, and area under a curve
	18-Jan	A	Transformations	Translations, Column Vectors, Reflections, Rotations, Combining Transformations
	25-Jan	B	Similarity	Enlargement of shapes (positive, fractional, negative), definition of similarity
	01-Feb	A		Similar shapes - missing lengths, areas, volume (SF, AF, VF)

	08-Feb	B	Congruency	Defintion, Rules for congruent triangles, Proof
	15-Feb			
Spring 2	22-Feb	A	Functions	Function notation, evaluating, finding composite functions, inverse functions, root & iteration
	01-Mar	B	Angles	All angle facts & reasoning, including with parallel lines, Interior & Exterior Angles, Bearings
	08-Mar	A	Pythagoras	Missing side, determing if right-angled, 3D probs
	15-Mar	B	Trigonometry	Missing sides, angles, exact values, sine & cosine rule
	22-Mar	A		Area of a triangle, multi-step problems, 3D trig, trig graphs
	29-Mar			
	05-Apr			
Summer 1	12-Apr	A	Transformations of Graphs	All transformations for all types of graphs
	19-Apr	B	Circles	Circle Theorems
	26-Apr	A	Vectors	Scalars, with ratios, parallel vectors
	03-May	B	Constructions & Loci	Construct triangles, line bisector, angle bisector, a perpendicular through / from a point to a line, Loci
	10-May	A		EXAMS START
	17-May	B		EXAMS START
	24-May	A		EXAMS START
	31-May			