

Week	10 Foundation	11 Foundation
Autumn 1	1 2 3 4 5 6	UNIT 1 Indices , Decimals and Calculations (Directed Numbers , Order of Operation, Laws of Indices, Properties of Numbers, Decimals and Fraction Calculations including fraction of an amount, Fraction Decimal Percentages conversion)
	7	Unit 1 Inequalities (Solving Inequalities, Representing Inequalities on a Number Line, Solve Three Part Inequalities)
	8	Unit 2 Rounding & Estimation (Estimating , Significant Figures, Standard Form, and Error Intervals)
	9	Unit 3 Probability (Basic Probability, Sample Space, Venn Diagrams, Frequency Tree, Two Way tables)
	10	UNIT 2 Expressions (Algebraic Notation, Laws of Indices, Collecting Terms, Multiplying Terms, Expanding Brackets, Factorising Linear Expressions, Substitution, Forming and Solving Linear Equations)
	11	UNIT 3 Percentages (Percentage Change, Profit and Loss, Interest , Money Problems)
	12	Half Paper Calculator (Week 7)
Autumn 2	13	Full Paper Calculator (Week 7)
	14	UNIT 3 Percentages (Percentage Change, Profit and Loss, Interest)
	15	UNIT 3 (Continue...) Percentages (Percentage Change, Profit and Loss, Interest)
	16	Unit 4 Averages, Range & Representing Data (Types of Data, Averages, Frequency Table, Two Way Tables, Bar Charts, Pie Charts, Stem and Leaf Diagrams, Frequency Polygons , Scatter Graphs and correlation,time series graphs.)
	17	Unit 5 Quadratics & Non Linear Graphs (Expand double brackets, . Factorise quadratic expressions, Difference of Two Square, Solving Quadratic equations (a=1 only) . Plot quadratic graphs. Recognise the roots and turning points of a quadratic graph)
Spring 1	18	Unit 6 Ratio and Proportion Convert Between Ratios and Fractions, Write Ratio in 1 : n ,
	19	Unit 6 (cont ..) Ratio and Proportion Direct and Inverse Proportion, Graphs of Direct and Inverse Proportion, Proportion Problems
	20	Unit 7 Measures & Real Life Graphs (Metric Conversion, Scale Diagrams, Speed, Distance & Time (Convert between units of time. Calculate time intervals. Calculate speeds, distances and times. Interpret and use distance time graphs. Know that the gradient of a distance time graph represents the speed of the object and calculate the speed from the graph , Density and Pressure)
Spring 2	21	Unit 5 Using Formulae & Equations (Substitution, Rearranging Formulae, Function Machines, Equations, Simultaneous Equations)
	22	Unit 6 Factors & Multiples (Factors, Multiples, Prime Factors, HCF, LCM , Worded Problems)
	23	Unit 6 Angles , Parallel Lines Polygons , Bearings
	24	Unit 8 Vectors & Similar Shapes Congruency and Similarity,
	25	Unit 9 Constructions and Loci (Perpendicular bisector, angle bisector, Loci , Constructing Triangle SSS, ASA, SAS
	26	Revision
	27	Full Paper Calculator (Week 20)
Summer 1	28	Work Experience
	29	UNIT 7 Sequences (Arithmetics , Geometric , Fibonacci, Using nth term, "Rearrange formulae involving one or two steps. Find missing terms and continue an arithmetic / geometric sequence /Fibonacci sequence. Use term to term rules, Find and use the nth term of an arithmetic
	30	UNIT 7 Sequences (Arithmetics , Geometric , Fibonacci, Using nth term, "Rearrange formulae involving one or two steps. Find missing terms and continue an arithmetic / geometric sequence /Fibonacci sequence. Use term to term rules, Find and use the nth term of an arithmetic
	31	Unit 8 Co-ordinates & Linear Graphs (Plot co-ordinates. Construct and recognise graphs parallel to the axes (e.g. $y = 4$), $y = x$ and $y = -x$. Find the midpoint of a pair of co-ordinates. Plot linear graphs. Work out the gradient of a line. (Recognise parallel lines) Work out the equation of a linear graph. Identify the gradient and y intercept from the equation or graph.
Summer 2	32	GCSE Exams
	33	Full Paper 1 - Non Calculator and Paper 2 - Calculator (Week 23)
	34	Unit 9 Pythagoras Theorem and Trigonometry (Identify Hypoteneuse, Opposite, adjacent lengths,
	35	Unit 10 Transformations and 2D representation of 3D shapes (Translation, Reflection, Rotation and Enlargment, Symmetry, Properties of 2D and 3D shapes , Plans and Elevations)
	36	Full Paper Calculator (Week 28)
	37	Work Experience
	38	UNIT 7 Sequences (Arithmetics , Geometric , Fibonacci, Using nth term, "Rearrange formulae involving one or two steps. Find missing terms and continue an arithmetic / geometric sequence /Fibonacci sequence. Use term to term rules, Find and use the nth term of an arithmetic