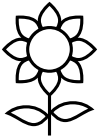
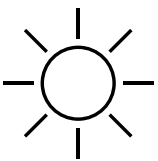


TERM	YEAR 7	YEAR 8	YEAR 9
AUTUMN 	1. Analysing and Displaying Data Mode, Median, Mean and Range Pictograms and Bar Charts Tallying and Grouping data Comparing Data	1. Number Calculations Divisibility and Division Negative Integers Powers, Roots and Brackets Multiples and Factors	1. Indices and Standard Form Indices Calculation and Estimates Standard Form More Indices
	2. Number Skills Mental Maths Addition and Subtraction Multiplication and Division Money and Time Negative Numbers Factors, Multiples and Primes Square Numbers Unit Test (Formative)	2. Area and Volume Area of a Triangles Area of a parallelogram and trapezium Volume of Cubes and Cuboids 2D representations of 3D shapes Surface Area of Cubes and Cuboids Measures Unit Test (Formative)	2. Expressions and Formulae Solving Equations Substitution into expressions Writing and Using Formulae Using and Rearranging Formulae Index Laws and Brackets Expanding Double Brackets Unit Test (Formative)
	3. Expressions, Functions and Formulae Functions Simplifying Expressions Writing Expressions and Formulae Substitution into Formulae	3. Statistics, Graphs and Charts Pie Charts Using Tables Stem and Leaf Diagrams Comparing Data Scatter Diagrams Misleading Graphs	3. Dealing with Data Planning a Survey Collecting Data Calculating Averages Displaying and Analysing Data Presenting and Comparing Data
	4 .Decimals and Measure Decimals and Rounding Length, Mass and Capacity Scales and Measures Working with Decimals Perimeter and Area Unit Test (Formative)	4. Expressions and Equations Algebraic Powers Expressions and Brackets Factorising Expressions Solving Equations Unit Test (Formative)	4. Multiplicative Reasoning Enlargement Negative and Fractional Scale Factors Percentage Change Compound Measures Direct and Inverse Proportion Unit Test (Formative)
	TERM TEST (SUMMATIVE)	TERM TEST (SUMMATIVE)	TERM TEST (SUMMATIVE)

SPRING 	5. Fractions and Percentages Comparing and Simplifying Fractions Working with Fractions Fractions and Decimals Understanding Percentages Percentages of Amounts	5. Real-Life Graphs Conversion Graphs Distance-Time Graphs Line Graphs Real-life Graphs Curved Graphs	5. Sequences, Inequalities, Equations and Proportion Nth term of arithmetic sequences Non-Linear Sequences Inequalities Solving Equations Proportion
	6. Probability The language of Probability Calculating Probability Experimental Probability Expected Outcomes Unit Test (Formative)	6. Decimals and Ratio Ordering and Rounding Decimals Place-Value Calculations Calculations with Decimals Ratio and Proportion with Decimals Unit Test (Formative)	6. Probability Mutually Exclusive Events Experimental and Theoretical Probability Sample Space Diagrams Two-Way Tables Venn Diagrams Unit Test (Formative)
	7. Ratio and Proportion Direct Proportion Writing and Using Ratios Ratio, Proportion and Fractions Proportions and Percentages	7. Lines and Angles Quadrilaterals Angles in Parallel Lines Alternate and Corresponding Angles Exterior and Interior Angles Problem Solving with Angles	7. Circles, Pythagoras and Prisms Circumference and Area of a Circle Pythagoras' Theorem Prisms and Cylinders Errors and Bounds Unit Test (Formative)
	TERM TEST (SUMMATIVE)	TERM TEST (SUMMATIVE)	TERM TEST (SUMMATIVE)

SUMMER 	8. Lines and Angles Measuring and Drawing Angles Lines, Angles and Triangles Drawing Triangles Accurately Calculating Angles Quadrilaterals	8. Calculating with Fractions Ordering Fractions Adding and Subtracting Fractions Multiplying and Dividing Fractions Calculating with Mixed Numbers	8. Graphs Using $y=mx+c$ More straight-Line graphs Simultaneous Equations Grpahs of Quadratic Functions More Non-Linear Graphs Unit Test (Formative)
	9. Sequences and Graphs Sequences and Patterns Coordinates and Mid-points Coordinates and Mid-points Extending Sequences Straight-Line Graphs Position to Term Rules Unit Test (Formative)	9. Percentages. Decimals and Fractions Fractions and Decimals Equivalent Proportions Writing Percentages Percentages of Amounts Unit Test (Formative)	END OF YEAR TEST (SUMMATIVE)
	END OF YEAR TEST (SUMMATIVE)	END OF YEAR TEST (SUMMATIVE)	9. Comparing Shapes and Transformations Congruent and Similar Shapes Ratios in Triangles Basic Trigonometry Transformations Unit Test (Formative)
	10. Transformations Congruency and Enlargements Symmetry and Reflection Rotations Translations Combined Transformations Unit Test (Formative)	10. Straight-Line Graphs Direct Proportion on Graphs Gradients Equations of Straight Lines Unit Test (Formative)	10. Constructions Using Scales Basic Constructions Constructing Triangles Using accurate scale drawings Unit Test (Formative)
			NUMBER AND ALGEBRA SKILLS