Key Stage 3 - Foundation   Programme of Study

Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
7	Topic/Enquiry: Number Key knowledge: Place Value Rounding Negative Numbers Factors, Multiples & Primes Prime Factorisation Highest Common Factor Lowest Common Multiple Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Number Algebra Key knowledge: Order of Operations Algebra Notation Substitution Simplifying & Expanding Expressions & Formulae Solving Equations Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Algebra Geometry Key knowledge: Shape Notation & Properties Perimeter & Area Mixed Fractions Simplifying Fractions Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Number Key knowledge: Arithmetic Procedures with Fractions Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Ratio & Proportion Probability & Statistics Key knowledge: Ratio – Simplifying, Converting, Sharing in a ratio Probability Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Ratio & Proportion Geometry Key knowledge: Percentage of an amount Fractions, Decimals & Percentages Measure: Time, Speed Transformations Assessment: Section A – Knowledge Test Section B – Retrieval Test
8	Topic/Enquiry: Number Algebra Key knowledge: Rounding Estimation Error Intervals Sequences – nth term etc. Coordinates	Topic/Enquiry: Algebra Key knowledge: Straight Line Graph Equation of a Line Real Life Graphs Equations – one & two step, brackets Forming & Solving Eqns	Topic/Enquiry: Ratio & Proportion Key knowledge: Percentages (FDPR) Percentage Change Reverse Percentage Simple Interest Direct Proportion Recipes, Best Value Inverse Proportion	Topic/Enquiry: Number Probability & Statistics Key knowledge: Averages & Spread Tally/Pictogram/ Stem & Leaf Scatter Graphs Frequency Tables	Topic/Enquiry: Geometry Key knowledge: Perimeter & Area Circles Compound Shapes Volume & Surface Area Density and Pressure	Topic/Enquiry: Geometry Key knowledge: Angles Notation and Rules Angles in Parallel Lines Angles in Polygons Construction – Angles, Bisector, Triangles

	Assessment: Section A – Knowledge Test Section B – Retrieval Test	Assessment: Section A – Knowledge Test Section B – Retrieval Test	Standard Form – Converting Assessment: Section A – Knowledge Test Section B – Retrieval Test	Probability – Sample Space Two-Way Tables & Venn Diagrams Assessment: Section A – Knowledge Test Section B – Retrieval Test	Assessment: Section A – Knowledge Test Section B – Retrieval Test	Assessment: Section A – Knowledge Test Section B – Retrieval Test
9	Topic/Enquiry: Number Algebra Key knowledge: Factors, Multiples & Primes Decimals & Fractions (FDP) Percentages Indices, Powers & Roots Standard Form Algebra: The basic Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Algebra Geometry Key knowledge: Expanding & Factorising Expanding double brackets Expressions & Substitution Equations Inequalities Rearranging Formulae Perimeter & Area 3D Forms & Volume Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Geometry Statistics Key knowledge: Area & Circumference of Circles Similarity & Congruence Transformations Tables & Averages Representing Data Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Ratio & Proportion Statistics Key knowledge: Representing data Probability Ratio Proportion Assessment: Section A – Knowledge Test Section B – Retrieval Test	Topic/Enquiry: Ratio & Proportion Geometry Key knowledge: Proportion Angles Bearings Assessment: GCSE Mock – 2 Foundation Papers	Topic/Enquiry: Geometry Algebra Key knowledge: Pythagoras Graphs Sequences Quadratic graphs Assessment: Section A – Knowledge Test Section B – Retrieval Test