



	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
7	Sets 1 & 2 Statistical graphs Averages & range HCF LCM BIDMAS Rounding & Estimation Enrichment Task: Unequal Averages https://nrich.maths.org/unequal	Sets 3 & 4 Statistical graphs Averages & range HCF LCM BIDMAS Rounding & Estimation Enrichment Task: Unequal Averages https://nrich.maths.org/unequal	Sets 1 & 2 Decimal arithmetic Algebraic Substitution, Expanding brackets and Factorise	Sets 3 & 4 Decimal arithmetic Algebraic Substitution, Expanding brackets and Factorise	Sets 1 & 2 Angle rules Angles in parallel lines Fraction calculations Fraction conversion Percentages Enrichment Task: 40% of 70 https://www.stem.org.uk/elibrary/resource/34090	Sets 3 & 4 Fraction calculations Frac-Dec-Perc Fraction of an amount Probability Enrichment Task: Red Balloons, Blue Balloons https://nrich.maths.org/1040	Sets 1 & 2 Solving equations Expressions Forming equations	Sets 3 & 4 Simplify ratio Convert ratio to fraction Share into a ratio	Sets 1 & 2 Ratio Perimeter Area Volume Enrichment Task: Mixing Lemonade https://nrich.maths.org/6870	Sets 3 & 4 Measure Shape properties Angle rules Sequences Linear graphs Enrichment Task: Name That Triangle www.nrich.maths.org/14042/note	Sets 1 & 2 Coordinates Linear graphs Sequences	Sets 3 & 4 Reflection Enlargement Rotation Translation Plans and Elevations
8	Sets 1 & 2 Indices Estimation HCF LCM Solving equations Expanding brackets	Sets 3 & 4 HCF LCM Negative number calculations Indices Surface area & volume Constructions Perpendicular bisector Angle bisector	Sets 1 & 2 Plans and Elevations Circles Area and Volume Enrichment task: Painted Cubes https://nrich.maths.org/paintedcube/note	Sets 3 & 4 Solving Equations Algebraic Substitution Expanding brackets & factorising Transformations Enrichment task: Painted Cubes https://nrich.maths.org/paintedcube/note	Sets 1 & 2 Transformations Recurring decimals Growth & Decay Percentage change	Sets 3 & 4 Decimal calculations and rounding to dp and sf Ratios Angle rules including parallel lines Interior angles	Sets 1 & 2 Pythagoras' Theorem Loci Perpendicular bisector Angle bisector Construction Enrichment task - Hidden Message, Mathematical Team Game B (angles) Enrichment task - Place to Place, Mathematical Team Game K (Pythagoras)	Sets 3 & 4 Fraction arithmetic Real Life Graphs Enrichment task - Hidden Message, Mathematical Team Game B (angles)	Sets 1 & 2 Relative frequency Probability Similar shapes	Sets 3 & 4 Linear graphs Equation of a line Frac-Dec-Perc Percentage of an amount	Sets 1 & 2 Linear graphs Equation of a line Quadratic graphs Sequences Real life graphs Enrichment task Sticky numbers: https://nrich.maths.org/6571	Sets 3 & 4 Scatter graphs Pie Charts Averages Measures of spread Solving inequalities Representing inequalities on a number line Enrichment task Sticky numbers https://nrich.maths.org/6571
9	Foundation Ratio Sequences Probability Multiplication & Division Pythagoras	Higher Angles Graphs Percentages Standard Form Averages	Foundation HCF & LCM Fractions Shapes & Angles Substitution Frequency trees Expanding brackets Enrichment task – nrich fraction addition/pond borders	Higher Cumulative Frequency Probability Volume Box plots Formulae Enrichment task – nrich polygon rings	Foundation Percentages Area Perimeter Venn Diagrams2 Scatter Graphs Circles Factorising Bearings Indices	Higher Bounds Correlation Transforming Functions Sine rule	Foundation Equations Charts & Graphs Volume Scatter Graphs Averages Probability Enrichment task – nrich match the matches	Higher Trigonometry Arc & Sector Quadratic Equations Similarity Enrichment task – nrich graden shed	Foundation Surface Area Plotting Graphs Transformations Triangle Properties Estimation	Higher Ratio Surface Area Advanced Trigonometry Transformations Inequalities	Foundation Venn diagrams Simultaneous Equations Set Notation Transformations Revision Enrichment task - nrich national flags	Higher Simultaneous Equations Inequalities Revision Enrichment task – pond borders/cutting cake