



Mathematics Foundation

	Term one	Term Two	Term Three	Term Four	Term Five	Term Six
Week One	Ordering numbers Addition and subtraction Division and multiplication	Co-ordinates Straight line graphs $Y=mx+c$	3D shapes Area, perimeter, volume	Data Collection	Convert standard units Scale factors	Probability of equally likely outcomes Tables & grids Theoretical probability
Week Two	Prime numbers Square numbers and roots Negative number	Linear sequences Nth term	Lines and angles	Averages & Ranges	Percentage change Expressing one quantity as a fraction or % of another	Frequency trees
Week Three	Place value Rounding (sig fig & decimal places) Calculator displays (BIDMAS) Indices and roots	Expanding brackets Factorising equations	Triangles and parallel lines Alternate angles Corresponding angles	Charts and Diagrams Vertical line charts	Ratio & Fractions Division of a quantity as a ratio	Probability of independent/dependent events Venn diagrams Inc. symbols
Week Four	Multiples and factors HCF & LCM Prime factor decomposition Standard form	Substitution Collecting like terms	Pythagoras Theorem	Stem and leaf diagrams Pie charts	Simple interest Proportion and ratio	Relative frequency Unbiased samples Frequency diagrams
Week Five	Converting metric units Compound measures Estimation Limits of accuracy	Changing the subject of an equation Solving equations	Polygons	Scatter graphs	Revision	
Week Six	Fractions (+/-/x/÷) Decimals	Quadratic graphs Cubic graphs	Circles Terminology Circumference and area	Box plots		
Week Seven	Percentage •Of an amount •Increase •decrease	Expressions Multiplying brackets				