

Year 7 Maths

Year 7 Maths Curriculum Information



	Key Question:	Specification:	Skill Focus:
Term 1:	How can we apply the four operations to a range of different types of number?	<ul style="list-style-type: none"> • Types of number • Directed numbers/fractions/decimals/percentages • Key terms in shapes • Simplifying algebraic expressions • Ratio 	Find/use primes/squares/roots, multiples, factors. Order/calculate fractions, decimals, %, negatives. Identify shape properties. Simplify by collecting terms, expanding brackets; substitution. Express/calculate using ratio.
Term 2:	How can we model a problem so that we can find an 'unknown'?	<ul style="list-style-type: none"> • Sequences • Units of measurement • Angle rules • Solving equations 	Finding/using nth term Measure angles/lengths; convert units; find area Apply angle rules to find missing angles Solve linear equations
Term 3:	How can we make sense of a set of data?	<ul style="list-style-type: none"> • Coordinates & transformations • Collecting/processing data 	Plot points; transform shapes by reflection/rotation/translation Tabulate data; plot bar/pie/line charts

Year 7 Maths Assessment Information

Assessment	Time/Venue	What will be assessed?
1 : Linking to Term 1	<ul style="list-style-type: none"> • Assessment held in-class • 1hr • Teacher assessed 	Non-calculator mixed questions assessing topics covered up to that point from term 1, along with from KS2.
2: Linking to Term 1/2	<ul style="list-style-type: none"> • Assessment held in-class • 1hr • Teacher assessed 	Non-calculator mixed questions assessing topics covered from term 1, with some from the first few weeks of term 2 and from KS2
3: Linking to Term 1/2/3	<ul style="list-style-type: none"> • Assessment held in the Exam Hall • 2 x 50 minutes • Teacher assessed 	Paper 1: Non-calculator Paper 2: Calculator Mixed questions assessing topics from first two terms, with some from the first few weeks of term 3, also from KS2

