

Year 8 Maths



Year 8 Maths Curriculum Information

	Key Question:	Specification:	Skill Focus:
Term 1:	How can we decide how likely something is to happen?	<ul style="list-style-type: none"> Types of number/approximation Visualising/constructing Probability Algebraic proficiency 	<ul style="list-style-type: none"> Find HCF/LCM; write in standard form; substitute Enlarge; 3D/2D drawing; work with bearings Calculate probabilities Simplify algebraic expressions; expand & factorise; re-arrange
Term 2:	What different methods can we use to solve this proportion problem?	<ul style="list-style-type: none"> Decimal/fraction/% equivalence Proportional reasoning Sequences Angle rules 	<ul style="list-style-type: none"> Fractions/decimals/% conversion Work with ratio; speed Find/use nth term Parallel & exterior/interior angle rules
Term 3:	How could we model this problem in order to solve it?	<ul style="list-style-type: none"> Percentages Solving equations Circles Linear/quadratic graphs Present data 	<ul style="list-style-type: none"> Calculate % change Solve linear equations/inequalities Find area/perim. of circles or sectors Sketch graphs; find gradients/intercepts Construct histograms & scatter graphs

Year 8 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
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
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.

