

Maths Curriculum

Rationale for topic choices in each year group:

Pupils receive 5 hours of maths teaching every week. Year 7, 8 and 9 are taught together in mixed ability groups, using maths mastery principles. When taught to master maths, pupils develop their mathematical fluency without resorting to rote learning and are able to solve non-routine maths problems without having to memorise procedures. The teacher is a subject specialist and a GCSE examiner.

Long Term Plan:

Year group	Autumn term	Spring term	Summer term	Schemes of work and further information	How are pupils assessed?
7	Number- Four operations, negative numbers and order of operations with number. Multiplying and dividing with fractions, fractions of quantities and problem solving. Percentages of amounts and percentage change.	Algebra- Substitute numerical values into formulae and expressions Simplify and manipulate algebraic expressions. Solve linear equations and inequalities. Rearrange formulae to change the subject. Geometry- Circles & Area	Ratio, proportion and rates of change- To include problems solving with best buys and recipes Statistics- Stem and Leaf Diagrams Finding averages from tables Geometry- 3D Shapes		Pupils will be assessed formally once a term. This will allow us to identify any gaps in pupils knowledge, and then to plan support and intervention strategies. There will be ongoing assessment in the classroom as part of every lesson with dynamic feedback given as part of developing understanding.
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