

## Maths covered at Ratcliffe

### KS3

<http://www.kangaroomaths.com/kenny2.php?page=Kschemeks3>

The website above has specific details of the topics and areas covered throughout KS3 in maths at Ratcliffe.

KS3 maths will involve working through all aspects of the maths curriculum, including all the strands listed below.

Number: Number & Place Value
Number: Calculations
Algebra
Fractions, Decimals & Percentages
Geometry: Measurement, Mensuration and Calculation
Geometry: Properties of Shapes & Construction
Geometry: Position and Direction
Statistics
Probability
Ratio & Proportion

In addition to this, at the end of KS3, pupils will complete a Level 1 or Level 2 number and measure qualification through Edexcel.

### KS4

Maths at KS4 will be building on aspects of number, algebra, data handling and shape topics studied in KS3. As well as this there will be lots of opportunity to work on and develop problem solving and thinking skills.

We will be running the OCR unitised syllabus that will link maths much more with real life situations and problems. As well as this there will be the opportunity to complete a further qualification in Functional skills maths with Edexcel. This will go hand in hand with the GCSE maths, giving pupils a chance to look at how maths is used in everyday life.

There will also be Entry Level courses in GCSE maths and Functional skills maths available.

### Exams:

Qualification	Exam	When?	Length?
GCSE maths	Mock	June Year 10	1 hour
GCSE maths	Mock	Jan Year 11	1 hour
Functional skills maths	Level 1/2	Nov/Mar Year 11	1½ hours
GCSE maths	Paper 1, 2 (non-calculator) and 3	June Year 11 <b>Final Certification</b>	3 exams total 4½ hrs