

## SUBJECT - MATHS

Pupils in KS3 (Years 7 – 9) will cover a wide range of topics, in Year 7 & 8 pupils will take longer on each topic to explore the depth of each topic and develop their problem solving and reasoning skills. In Year 9 the pupils will recap all of the KS3 content to ensure that, they are completely ready for Key Stage 4 (Year 10 and 11).

For this year only Year 8 will follow the same curriculum as Year 7, this is to ensure that they get the same exposure to the more challenging problems, which require their problem solving and reasoning skills.

Note: Topics labelled with a star (\*) are the alternative pathways for the Access route.

Year Group	Topics Covered		Overview of Assessment
<b>Year 7</b>	<b>Mixed Teaching</b>	Numeracy skills	<b>Baseline Assessment</b> Pupils will sit a baseline assessment covering topics from KS2
	<b>Topic 1:</b>	Number Operations	<b>Assessment 1</b> Pupils will sit a written test on Topics 1 – 2. This mark will be used to track pupil’s progress.
	<b>Topic 2:</b>	Expressions and Formulae	
	<b>Topic 3:</b>	Measures, Perimeter & Area	<b>Assessment 2</b> Pupils will sit a written test on Topics 3 - 4. This mark will be used to track pupil’s progress.
	<b>Topic 4:</b>	Fractions, Decimals & Percentages	
	<b>Topic 5:</b>	Angles & 2D Shapes	<b>Assessment 3</b> Pupils will sit a written test on Topics 5 - 6. This mark will be used to track pupil’s progress.
	<b>Topic 6:</b>	Graphs	
	<b>Topic 7:</b>	Number Rules and Decimals	<b>End of Year 7 Assessment</b> Pupils will sit a written test on all the topics covered this year. This mark will be used to inform progress over the year.
	<b>Topic 8:</b>	Statistics	
	<b>Topic 17:</b>	Functional Maths	This topic will not be formally assessed and will be taught throughout the year.

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Year Group	Topics Covered		Overview of Assessment
<b>Year 8</b> <b>(this year only)</b>	<b>Topic 1:</b>	Number Operations	<b>Assessment 1</b> Pupils will sit a written test on Topics 1 – 2. This mark will be used to track pupil’s progress.
	<b>Topic 2:</b>	Expressions and Formulae	
	<b>Topic 3:</b>	Measures, Perimeter & Area	<b>Assessment 2</b> Pupils will sit a written test on Topics 3 - 4. This mark will be used to track pupil’s progress.
	<b>Topic 4:</b>	Fractions, Decimals & Percentages	
	<b>Topic 5:</b>	Angles & 2D Shapes	<b>Assessment 3</b> Pupils will sit a written test on Topics 5 - 6. This mark will be used to track pupil’s progress.
	<b>Topic 6:</b>	Graphs	
	<b>Topic 7:</b>	Number Rules and Decimals	<b>End of Year 8 Assessment</b> Pupils will sit a written test on all the topics covered this year. This mark will be used to inform progress over the year.
	<b>Topic 8:</b>	Statistics	
	<b>Topic 17:</b>	Functional Maths	This topic will not be formally assessed and will be taught throughout the year.

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Year Group	Topics Covered		Overview of Assessment
<b>Year 8</b> <b>(for future years)</b>	<b>Topic 9:</b>	Powers and Roots	<b>Assessment 1</b> Pupils will sit a written test on Topics 9 – 10. This mark will be used to track pupil’s progress.
	<b>Topic 10:</b>	Transformations	
	<b>Topic 11:</b>	Equations	<b>Assessment 2</b> Pupils will sit a written test on Topics 11 - 12. This mark will be used to track pupil’s progress.
	<b>Topic 12:</b>	Sequences	
	<b>Topic 13:</b>	Constructions and Pythagoras	<b>Assessment 3</b> Pupils will sit a written test on Topics 13 - 14. This mark will be used to track pupil’s progress.
	<b>Topic 14:</b>	Ratio & Proportion	
	<b>Topic 15:</b>	3D Shapes	<b>End of Year 8 Assessment</b> Pupils will sit a written test on all the topics covered this year. This mark will be used to inform progress over the year.
	<b>Topic 16:</b>	Probability	
	<b>Topic 17:</b>	Functional Maths	This topic will not be formally assessed and will be taught throughout the year.

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Year Group	Topics Covered		Overview of Assessment
<b>Year 9</b>	<b>Topic 1:</b>	Number Operations	<b>Assessment 1</b> Pupils will sit a written test on Topics 1 – 3. This mark will be used to track pupil’s progress.
	<b>Topic 2:</b>	Expressions & Formulae	
	<b>Topic 3:</b>	Measures, Perimeter & Area	
	<b>Topic 4:</b>	Fractions, Decimals & Percentages	<b>Progress Test</b> Pupils will sit a written test on all the topics covered (some will be from previous years). This mark will be used to inform progress and pathways for GCSE.
	<b>Topic 5:</b>	Angles & 2D Shapes	
	<b>Topic 6:</b>	Graphs	<b>Assessment 2</b> Pupils will sit a written test on Topics 4 - 7. This mark will be used to track pupil’s progress.
	<b>Topic 7:</b>	Number Rules and Decimals	
	<b>Topic 8:</b>	Statistics	
	<b>Topic 9:</b>	Transformations	<b>Assessment 3</b> Pupils will sit a written test on Topics 8 - 12. This mark will be used to track pupil’s progress.
	<b>Topic 10:</b>	Powers & Roots	
	<b>Topic 11:</b>	Equations	
	<b>Topic 12:</b>	Sequences	
	<b>Topic 13:</b>	Constructions & Pythagoras	<b>End of Year 9 Assessment</b> Pupils will sit a written test on all the topics covered to date. This mark will be used to inform progress over the year & pathways for GCSE.
	<b>Topic 14:</b>	Ratio & Proportion	
	<b>Topic 15:</b>	3D Shapes	
	<b>Topic 16:</b>	Probability	
	<b>Topic 17:</b>	Functional Maths	This topic will not be formally assessed and will be taught throughout the year.