

# Mathematics

## Staffing

Simon Campbell	Co-ordinator of Maths
Parham F. Zabihi	Teacher of Mathematics & Assistant Head teacher
Chester Garnish	Teacher of Mathematics
Angharad Bentley	Teacher of Mathematics
Paul Olney	Teacher of Mathematics

## Aims

Actively promote an interest in Mathematics.  
Install Functional Skills and other general 'Life Skills'.  
Prepare students for success in their GCSE examinations

## Progress

<b>Year 7 (2015/2016)</b>
<ul style="list-style-type: none"> <li>93% of students made expected progress</li> <li>50 % of students made more than expected progress.</li> </ul>
<b>Year 8 (2015/2016)</b>
<ul style="list-style-type: none"> <li>82 % of students made expected progress</li> <li>40 % of students made more than expected progress.</li> </ul>
<b>Year 9 (2015/2016)</b>
<ul style="list-style-type: none"> <li>98 % of students made expected progress</li> <li>95 % of students made more than expected progress.</li> </ul>

## Curriculum Map

		<u>Autumn Term</u>	<u>Spring Term</u>	<u>Summer Term</u>
		<i>Sept. '17 – Dec. '17</i>	<i>Jan. '18 – April '18</i>	<i>April '18 – July '18</i>
	<b>Year 7</b>	<ul style="list-style-type: none"> <li>Basic Numeracy Skills</li> <li>Factors, Multiples &amp; Primes</li> <li>Fractions</li> <li>Averages</li> <li>Introduction to Algebra</li> <li>Area &amp; Perimeter</li> </ul>	<ul style="list-style-type: none"> <li>Probability</li> <li>Graphs (Bar charts, Pie charts, Line graphs)</li> <li>Questionnaires</li> <li>Algebra</li> <li>Percentages</li> </ul>	<ul style="list-style-type: none"> <li>Ratio</li> <li>Sequences</li> <li>SSM</li> <li>Conversions</li> </ul>
	<b>Year 8</b>	<ul style="list-style-type: none"> <li>Basic Numeracy Skills</li> <li>Factors, Multiples &amp; Primes</li> <li>Fractions</li> <li>Averages</li> <li>Introduction to Algebra</li> </ul>	<ul style="list-style-type: none"> <li>Probability</li> <li>Graphs (Pie charts, Scatter Graphs, Two-way tables, Frequency Tables)</li> <li>Algebra</li> <li>Percentages</li> </ul>	<ul style="list-style-type: none"> <li>Ratio &amp; Proportion</li> <li>Sequences</li> <li>SSM</li> <li>Conversions</li> </ul>
<b>Key Stage 4</b>	<b>Year 9</b>	<b>GCSE Maths</b> <ul style="list-style-type: none"> <li>Basic Numeracy Skills</li> <li>Factors, Multiples &amp; Primes</li> <li>Fractions</li> <li>Averages</li> <li>Introduction to Algebra</li> </ul>	<b>GCSE Maths</b> <ul style="list-style-type: none"> <li>Probability</li> <li>Graphs (Pie charts, Scatter Graphs, Two-way tables, Frequency tables)</li> <li>Algebra (incl. Factorising and Expanding Double Brackets)</li> <li>Percentages (incl. converting</li> </ul>	<b>GCSE Maths</b> <ul style="list-style-type: none"> <li>Exam Prep</li> <li>Ratio &amp; Proportion</li> <li>Sequences</li> <li>SSM</li> <li>Conversions</li> </ul>

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<b>Key Stage 4</b>	<b>Year 10</b>	<b>GCSE Maths</b> <ul style="list-style-type: none"> <li>• Basic Numeracy Skills</li> <li>• Factors, Multiples &amp; Primes</li> <li>• Fractions</li> <li>• Averages</li> <li>• Introduction to Algebra</li> </ul>	<b>GCSE Maths</b> <ul style="list-style-type: none"> <li>• Probability</li> <li>• Graphs (Pie charts, Scatter Graphs, Two-way tables, Frequency tables)</li> <li>• Algebra (incl. Factorising and Expanding Double Brackets)</li> <li>• Percentages (incl. converting FDP)</li> </ul>	<b>GCSE Maths</b> <ul style="list-style-type: none"> <li>• Exam Prep</li> <li>• Ratio &amp; Proportion</li> <li>• Sequences</li> <li>• SSM</li> <li>• Conversions</li> </ul>

<b>Enrichment</b>
<p>Weekly booster classes for students not making expected progress (3:30pm to 4:15pm)  'Power of Two': Numeracy scheme for students requiring additional support.  Catch up classes during holidays for students not making expected progress.  Numeracy for all students twice a week (3:00pm to 3:30pm)</p>

<b>Extra-Curricular</b>
'Chess Club', once a fortnight. (Yet to be arranged)

<b>Contact Details</b>
<p>If you require further information on the Mathematics Curriculum offered at Jewellery Quarter Academy please contact</p> <p><b>Simon Campbell</b>  at  Jewellery Quarter Academy  Saint George's Court  1 Albion Street  Birmingham  B1 3AA</p> <p>Telephone: 0121 289 3944 / 0774-384-6474</p>

