



North London Grammar School  
 KS3 Long Term Overview  
 2015-2016

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 7</b>  GCSE Year 1  Maths(9-1) 5yearSoW	<ul style="list-style-type: none"> <li>Working with whole numbers (8)</li> <li>Measuring (7)</li> <li>Coordinates and translations (6)</li> <li>Problem solving &amp; Mental Maths (4)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Moving past the point (7)</li> <li>Use census at school data (10)</li> <li>Folding and turning shapes (8)</li> <li>Problem solving &amp; Mental Maths (5)</li> <li>Revision and end of term assessment (5)</li> <li>Total: 35 hours</li> </ul>	<ul style="list-style-type: none"> <li>Negative numbers (7)</li> <li>A survey about us (7)</li> <li>Generalising using letters (8)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Parts of a whole (8)</li> <li>Angle facts (7)</li> <li>Exploring sequences (7)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Percentages (7)</li> <li>Introducing probability (7)</li> <li>Angles (8)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Exact or just accurate? (9)</li> <li>Real life graphs (3)</li> <li>Area and perimeter (6)</li> <li>Problem solving &amp; Mental Maths (2)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 25 hours



North London Grammar School  
 KS3 Long Term Overview  
 2015-2016

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 8</b>  GCSE Year 2  Maths(9-1) 5yearSoW	<ul style="list-style-type: none"> <li>About calculation (7)</li> <li>Sequences (7)</li> <li>Properties of shapes (8)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Using letters (6)</li> <li>Statistical investigation (6)</li> <li>Fractions (6)</li> <li>Forming shapes (9)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 35 hours	<ul style="list-style-type: none"> <li>Algebra (7)</li> <li>Calculating (8)</li> <li>Measures (7)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Manipulating algebra (6)</li> <li>Probability (5)</li> <li>Proportion (6)</li> <li>Transformations (5)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Indices (6)</li> <li>Sequences (8)</li> <li>Two dimensions and beyond (8)</li> <li>Problem solving &amp; Mental Maths (3)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>Equations (3)</li> <li>A statistical survey (5)</li> <li>Percentages (4)</li> <li>Three dimensions (6)</li> <li>Problem solving &amp; Mental Maths (2)</li> <li>Revision and end of term assessment (5)</li> </ul> Total: 25 hours



North London Grammar School  
 KS3 Long Term Overview  
 2015-2016

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 9</b> Starting Sept 2016  GCSE Year 3  Maths(9-1) 5yearSoW	<ul style="list-style-type: none"> <li>• Graphs (7)</li> <li>• Problem solving &amp; Mental Maths (3)</li> <li>• Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>• Problem solving &amp; Mental Maths (3)</li> <li>• Revision and end of term assessment (5)</li> </ul> Total: 35 hours	<ul style="list-style-type: none"> <li>• Problem solving &amp; Mental Maths (3)</li> <li>• Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>• Problem solving &amp; Mental Maths (3)</li> <li>• Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>• Problem solving &amp; Mental Maths (3)</li> <li>• Revision and end of term assessment (5)</li> </ul> Total: 30 hours	<ul style="list-style-type: none"> <li>• Problem solving &amp; Mental Maths (3)</li> <li>• Revision and end of term assessment (5)</li> </ul> Total: 25 hours