



North London Grammar School
 KS4 Long Term Overview
 2015-2016

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9 GCSE Higher Year 1 Maths(9-1) 3yearSoW	<ul style="list-style-type: none"> • Calculations 1 (Number) • Expressions (Algebra) 	<ul style="list-style-type: none"> • Expressions (Algebra) • Angles and polygons (Geometry) 	<ul style="list-style-type: none"> • Handling data 1 (Statistics) • Fractions, decimals and percentages (Number) 	<ul style="list-style-type: none"> • Formulae and functions (Algebra) • Working in 2D (Geometry) 	<ul style="list-style-type: none"> • Working in 2D (Geometry) • Probability (Probability) 	<ul style="list-style-type: none"> • Probability (Probability)
Year 10 GCSE Foundation Year 1 Maths(9-1) 2yearSoW	<ul style="list-style-type: none"> • Calculations 1 (Number) • Expressions (Algebra) • Angles and polygons (Geometry) 	<ul style="list-style-type: none"> • Angles and polygons (Geometry) • Handling data 1 (Statistics) • Fractions, decimals and percentages (Number) 	<ul style="list-style-type: none"> • Formulae and functions (Algebra) • Working in 2D (Geometry) • Probability (Probability) • Measures and accuracy (Number) 	<ul style="list-style-type: none"> • Measures and accuracy (Number) • Equations and inequalities (Algebra) 	<ul style="list-style-type: none"> • Circles and constructions (Geometry) • Ratio and proportion (Ratio and proportion) 	<ul style="list-style-type: none"> • Factors, powers and roots (Number)



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Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10 GCSE Intermediate Higher Year 1/2 Maths(9-1) 2yearSoW	<ul style="list-style-type: none">• Calculations 1 (Number)• Expressions (Algebra)	<ul style="list-style-type: none">• Angles and polygons (Geometry)• Handling data 1 (Statistics)• Fractions, decimals and percentages (Number)	<ul style="list-style-type: none">• Formulae and functions (Algebra)• Working in 2D (Geometry)• Probability (Probability)	<ul style="list-style-type: none">• Measures and accuracy (Number)• Equations and inequalities (Algebra)	<ul style="list-style-type: none">• Circles and constructions (Geometry)• Ratio and proportion (Ratio and proportion)	<ul style="list-style-type: none">• Factors, powers and roots (Number)



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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10 GCSE Higher Year 2 Maths(A*-B)	<ul style="list-style-type: none"> Number skills and properties (Number) Fractions and percentages (Number) Ratios and proportions (Number) Length, area and volume (Geometry) Expressions and equations (Algebra) Pythagoras' theorem (Geometry) Angles and constructions (Geometry) 	<ul style="list-style-type: none"> Using a calculator (Number) Volume (Geometry) Trigonometry 1 (Geometry) Properties of circles (Geometry) Powers, standard form and surds (Number) Quadratic equations (Algebra) Similarity (Measures) Trigonometry 2 (Geometry) 	<ul style="list-style-type: none"> Graphs and equations (Algebra) Data distributions (Statistics) Calculating probabilities (Probability) Algebraic methods (Algebra) Variation (Number) Number and limits of accuracy (Number) Vectors (Geometry) Transformation of graphs (Algebra) 	<ul style="list-style-type: none"> Revision for GCSE exam 	<ul style="list-style-type: none"> Revision for GCSE exam 	<ul style="list-style-type: none"> Revision for GCSE exam



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	<ul style="list-style-type: none">• Transformation geometry (Geometry)• Data handling (Statistics)• Real life graphs (Algebra)• Statistical representation (Statistics)• Probabilities of events (Probability)• Number and sequences (Algebra)• Graphs and their equations (Algebra)• Inequalities and regions (Algebra)					
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 2015-2016

Subject: Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 11 GCSE Higher Year 2 Maths(A*-C)	<ul style="list-style-type: none"> Number skills and properties (Number) Fractions and percentages (Number) Ratios and proportions (Number) Length, area and volume (Geometry) Expressions and equations (Algebra) Pythagoras' theorem (Geometry) Angles and constructions (Geometry) 	<ul style="list-style-type: none"> Using a calculator (Number) Volume (Geometry) Trigonometry 1 (Geometry) Properties of circles (Geometry) Powers, standard form and surds (Number) Quadratic equations (Algebra) Similarity (Measures) Trigonometry 2 (Geometry) 	<ul style="list-style-type: none"> Graphs and equations (Algebra) Data distributions (Statistics) Calculating probabilities (Probability) Algebraic methods (Algebra) Variation (Number) Number and limits of accuracy (Number) Vectors (Geometry) Transformation of graphs (Algebra) 	<ul style="list-style-type: none"> Revision for GCSE exam 	<ul style="list-style-type: none"> Revision for GCSE exam 	<ul style="list-style-type: none"> Revision for GCSE exam



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2015-2016

Subject: Mathematics

	<ul style="list-style-type: none">• Transformation geometry (Geometry)• Data handling (Statistics)• Real life graphs (Algebra)• Statistical representation (Statistics)• Probabilities of events (Probability)• Number and sequences (Algebra)• Graphs and their equations (Algebra)• Inequalities and regions (Algebra)					
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