



Cardinal Newman School: Medium Term Plan Maths Year 11 HIGHER 11a1, 11b1

Overview: Purpose? People can feel that they are not good at maths when they are learning the wrong topics, or when they move on too quickly. Learning should be seen as a journey and we can only learn new topics when we have a secure foundation in the topics that come before them.

Knowledge: Students will learn Maths content required for GCSE Maths.

Skills: Students will be accessing questions based on the content covering all 3 AOs: AO1: Use and apply standard techniques, AO2: Reason, interpret and communicate mathematically, AO3: Solve problems within mathematics and in other contexts

End Point: Pitstops are provided for each stage before moving onto the next. 3 main Maths assessments (cumulative based on the content taught from September) check students progress throughout the year.

Year 11		Autumn Term			
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Number: <ul style="list-style-type: none"> Product rule for counting Bounds 	<ul style="list-style-type: none"> Fractional and negative indices Surds Repeated percentage change 	<ul style="list-style-type: none"> Grade 6-7 booklet and past paper practice 	N5 N16	Error interval, bound, product	
Ratio and proportion: <ul style="list-style-type: none"> Repeated percentage change Direct and inverse proportion 	<ul style="list-style-type: none"> Direct and inverse proportion 	<ul style="list-style-type: none"> Grade 6-7 booklet and past paper practice 	R9 R10 R13 R14	Percentage change, multiplier	
Algebra: <ul style="list-style-type: none"> Factorising harder quadratics Solving quadratics by factorising Quadratic formula Functions Iteration Quadratic sequences Algebraic fractions Completing the square 	<ul style="list-style-type: none"> Recurring decimals to fractions Expanding triple brackets Parallel and perpendicular lines Inequalities on graphs 	<ul style="list-style-type: none"> Parallel and perpendicular lines Equation of a tangent to a circle Gradient of the curve and area 	A4 A6 A7 A9 A11 A12 A13 A14 A18	Proportion, direct, inverse, quadratic, factorise, solve, quadratic formula, function, substitute, composite function, inverse function, iteration, fraction, numerator,	



<ul style="list-style-type: none"> Exponential and trigonometric graphs Proofs Non-linear simultaneous equations Quadratic inequalities Graph transformations Equation of a line through the given points 	<ul style="list-style-type: none"> Rearranging harder formulae 	<p>underneath the curve</p> <ul style="list-style-type: none"> Probability with algebra Inequalities on graphs Geometric and Fibonacci sequences with algebra 	<p>A19 A20 A22 A24 A25</p>	<p>denominator, expression, complete the square, exponential, trigonometric, proof, non-linear, simultaneous equation, inequality, transformation, equation</p>	
<p>ometry and Measures:</p> <ul style="list-style-type: none"> Similar shapes (Area and volume) Circle Theorems Advanced trigonometry (Sine rule, cosine rule, area of a triangle) 3D Pythagoras and trigonometry 	<ul style="list-style-type: none"> Enlarging with negative scale factors 	<ul style="list-style-type: none"> Congruency Vectors Circle Theorems proof 	<p>G10 G19 G20 G22 G23</p>	<p>Similar, area, volume, scale factor, circle, radius, diameter, tangent, arc, subtended, segment, sine rule, cosine rule, area, Pythagoras</p>	
<p>Data (Probability and Statistics)</p> <ul style="list-style-type: none"> Histograms Conditional probability 	<ul style="list-style-type: none"> Cumulative frequency graphs Box plots 	<ul style="list-style-type: none"> Probability with algebra 	<p>S3 P9</p>	<p>Histogram, class width, frequency density, probability, tree diagram</p>	



Year 11	Spring Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Algebra: <ul style="list-style-type: none"> Parallel and perpendicular lines Equation of a tangent to a circle Gradient of the curve and area underneath the curve Probability with algebra Inequalities on graphs Geometric and Fibonacci sequences with algebra 	<ul style="list-style-type: none"> Direct and inverse proportion Factorising harder quadratics Solving quadratics by factorizing Quadratic formula Functions Iteration Quadratic sequences Algebraic fractions Completing the square Exponential and trigonometric graphs Proofs Non-linear simultaneous equations Quadratic inequalities Graph transformations Equation of a line through the given points	Grade 6-7 booklet and past paper practice	A9 A15 A16 A22 A24	Parallel, perpendicular, gradient, y-intercept, reciprocal, equation, tangent, curve, area, velocity, acceleration, distance, inequality, sequence, geometric, Fibonacci	
Geometry and Measures: <ul style="list-style-type: none"> Congruency Vectors Circle Theorems proof 	<ul style="list-style-type: none"> Similar shapes (Area and volume) Circle Theorems Advanced trigonometry (Sine rule, cosine rule, area of a triangle) 3D Pythagoras and trigonometry 	Grade 6-7 booklet and past paper practice	G5 G6 G7 G10 G15 G24 G25	Congruent, vector, circle, radius, diameter, tangent, arc, subtended, segment	
Data (Probability and Statistics): <ul style="list-style-type: none"> Probability (with algebra) 	<ul style="list-style-type: none"> Histograms Conditional probability 	Grade 6-7 booklet and past paper practice		Probability, algebraic	

Pitstops and Assessments: Mock 2 and Mock 3



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Year 11	Summer Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Grade 6-7 booklet and past paper practice					
Pitstops and Assessments:					



Cardinal Newman School: Medium Term Plan Maths Year 11 HIGHER 11a2, 11a3, 11b2

Overview: Purpose? People can feel that they are not good at maths when they are learning the wrong topics, or when they move on too quickly. Learning should be seen as a journey and we can only learn new topics when we have a secure foundation in the topics that come before them.

Knowledge: Students will learn Maths content required for GCSE Maths.

Skills: Students will be accessing questions based on the content covering all 3 AOs: AO1: Use and apply standard techniques, AO2: Reason, interpret and communicate mathematically, AO3: Solve problems within mathematics and in other contexts

End Point: Pitstops are provided for each stage before moving onto the next. 3 main Maths assessments (cumulative based on the content taught from September) check students progress throughout the year.

Year 11		Autumn Term			
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
<p>Number: Grade 3-5 booklet:</p> <ul style="list-style-type: none"> • Capture-recapture • Laws of indices • Prime factors, HCF and LCM • Multiplying and dividing decimals • Adding and subtracting fractions • Multiplying and dividing fractions • Negative and fractional indices • Using a calculator • Standard form • Recurring decimals to fractions • Error intervals • Product rule for counting <p>Surds</p>	<ul style="list-style-type: none"> • Y10 Number skills 	<ul style="list-style-type: none"> • Bounds 	N2 N4 N5 N7 N8 N9 N10 N15	Estimate, index, prime factor, Lowest Common Multiple, Highest Common Factor, fraction, decimal, sum, difference, product, standard form, base, recurring, error interval	
<p>Ratio and proportion: Grade 3-5 booklet:</p> <ul style="list-style-type: none"> • Percentage change/increase/decrease/profit/loss • Compound percentages • Currency conversions • Sharing in ratio • Combining ratios <p>Direct and inverse proportion</p>	<ul style="list-style-type: none"> • Y10 Ratio and proportion skills 	<ul style="list-style-type: none"> • Grade 6-7 booklet and past papers practice 	R4 R5 R9 R10 R13 R14 R16	Percentage, increase, decrease, profit, loss, compound, currency, ratio, part, share, combine	



<p>Algebra: Grade 3-5 booklet:</p> <ul style="list-style-type: none"> Expanding brackets Solving equations Factorising Laws of indices Linear simultaneous equations Linear inequalities Linear graphs Linear sequences Rearranging formulae <p>Quadratic sequences Functions Forming and solving equations Rearranging harder formulae Gradient and area underneath the curve</p>	<ul style="list-style-type: none"> Y10 Algebra skills 	<ul style="list-style-type: none"> Iteration Solving quadratics by factorising Quadratic formula Non-linear simultaneous equations Completing the square Algebraic fractions Proofs Quadratic inequalities 	<p>A3 A4 A5 A7 A8 A9 A10 A14 A15 A17 A19 A21 A22 A24 A25 A25</p>	<p>Expand, solve, factorise, index, linear, simultaneous equations, variable, inequality, sequence, nth term, rearrange, change the subject, formula, quadratic, function, composite function, inverse function, form, solve, proportion, direct, inverse, gradient, area, curve, velocity, acceleration, distance</p>	
<p>Geometry and Measures: Grade 3-5 booklet:</p> <ul style="list-style-type: none"> Mass, density, volume Speed, distance, time Area Volume Surface area Cylinders Transformations Pythagoras Trigonometry – SOH CAH TOA Area and circumference of circles Column Vectors Angles in polygons Angles in parallel lines <p>Area of a sector and arc length</p>	<ul style="list-style-type: none"> Y10 Geometry and Measures skills 	<ul style="list-style-type: none"> Circle Theorems Similar shapes Spheres and cones Advanced trigonometry (Sine rule, cosine rule, area of a triangle) 	<p>G1 G3 G6 G7 G8 G14 G16 G17 G18 G20 G21 G24 G25</p>	<p>Mass, density, volume, speed, distance, time, area, volume, surface area, cylinder, rotation, reflection, translation, enlargement, Pythagoras, trigonometry, sine, cosine, tangent, hypotenuse, adjacent, opposite, circle, circumference, radius, diameter, vector, polygon, interior, exterior, parallel, corresponding, alternate, co-interior, sector, arc</p>	
<p>Data (Probability and Statistics) Grade 3-5 booklet:</p> <ul style="list-style-type: none"> Frequency polygons Estimating mean Scatter diagrams Cumulative frequency Box plots Venn diagrams 	<ul style="list-style-type: none"> Y10 Probability and Statistic skills 	<ul style="list-style-type: none"> Grade 6-7 booklet and past papers practice 	<p>S2 S3 S4 S6 P4 P6 P8 P9</p>	<p>Frequency, polygon, estimate, midpoint, mean, scatter diagram, correlation, line of best fit, cumulative, median, lower quartile, upper quartile, Inter quartile range, box plot, Venn</p>	



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<ul style="list-style-type: none">• Probability and relative frequency• Probability trees Combine/reverse mean Histograms				diagram, probability, intersection, union, relative frequency, probability tree, reverse, mean, histogram, class width, frequency density	
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Pitstops and Assessments: Baseline assessment and Mock I



Year 11	Spring Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Number: <ul style="list-style-type: none"> Bounds 	<ul style="list-style-type: none"> Capture-recapture Laws of indices Prime factors, HCF and LCM Multiplying and dividing decimals Adding and subtracting fractions Multiplying and dividing fractions Negative and fractional indices Using a calculator Standard form Recurring decimals to fractions Error intervals Product rule for counting <p>Surds</p>	Grade 6-7 booklet and past papers practice	N16	Bound, error interval	
Algebra: <ul style="list-style-type: none"> Iteration Solving quadratics by factorising Quadratic formula Non-linear simultaneous equations Completing the square Algebraic fractions Proofs Quadratic inequalities 	<ul style="list-style-type: none"> Expanding brackets Solving equations Factorising Laws of indices Linear simultaneous equations Linear inequalities Linear graphs Linear sequences Rearranging formulae Quadratic sequences Functions Forming and solving equations Rearranging harder formulae Gradient and area underneath the curve 	Grade 6-7 booklet and past papers practice	A4 A6 A11 A18 A19 A20 A22	Iteration, substitute, solve, factorise, quadratic, formula, non-linear, simultaneous, complete the square, algebraic, proof, inequality	



Geometry and Measures: <ul style="list-style-type: none"> • Circle Theorems • Similar shapes • Spheres and cones • Advanced trigonometry (Sine rule, cosine rule, area of a triangle) 	<ul style="list-style-type: none"> • Mass, density, volume • Speed, distance, time • Area • Volume • Surface area • Cylinders • Transformations • Pythagoras • Trigonometry – SOH CAH TOA • Area and circumference of circles • Column Vectors • Angles in polygons • Angles in parallel lines • Area of a sector and arc length 	Grade 6-7 booklet and past papers practice	G10 G7 G12 G13 G19 G22 G23	Circle, radius, diameter, arc, tangent, segment, sphere, cone, perpendicular, sine rule, cosine rule, area	
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Pitstops and Assessments: Mock 2 and Mock 3

Year 11	Summer Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Grade 6-7 booklet and past paper practice					

Pitstops and Assessments:



Cardinal Newman School: Medium Term Plan Maths Year 11 HIGHER 1 Ib3

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Year 11	Autumn Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Number: Grade 3-5 booklet: <ul style="list-style-type: none"> • Capture-recapture • Laws of indices • Prime factors, HCF and LCM • Multiplying and dividing decimals • Adding and subtracting fractions • Multiplying and dividing fractions • Negative and fractional indices • Using a calculator • Standard form • Recurring decimals to fractions • Error intervals • Product rule for counting 	<ul style="list-style-type: none"> • Y10 Number skills 	<ul style="list-style-type: none"> • Topics based on weaknesses identified in the mock 	N2 N4 N5 N7 N9 N10 N15	Estimate, index, prime factor, Lowest Common Multiple, Highest Common Factor, fraction, decimal, sum, difference, product, standard form, base, recurring, error interval	
Ratio and proportion: Grade 3-5 booklet: <ul style="list-style-type: none"> • Percentage change/increase/decrease/profit/loss • Compound percentages • Currency conversions • Sharing in ratio • Combining ratios 	<ul style="list-style-type: none"> • Y10 Ratio and proportion skills 	<ul style="list-style-type: none"> • Topics based on weaknesses identified in the mock 	R4 R5 R9 R10 R13 R14 R16	Percentage, increase, decrease, profit, loss, compound, currency, ratio, part, share, combine	



<p>Algebra: Grade 3-5 booklet:</p> <ul style="list-style-type: none"> Expanding brackets Solving equations Factorising Laws of indices Linear simultaneous equations Linear inequalities Linear graphs Linear sequences Rearranging formulae <p>Functions Quadratic sequences</p>	<ul style="list-style-type: none"> Y10 Algebra skills 	<ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<p>A3 A4 A5 A7 A8 A9 A10 A17 A19 A21 A22 A24 A25</p>	<p>Expand, solve, factorise, index, linear, simultaneous equations, variable, inequality, sequence, nth term, rearrange, change the subject, formula, quadratic, function, composite function, inverse function, nth term</p>	
<p>Geometry and Measures: Grade 3-5 booklet:</p> <ul style="list-style-type: none"> Mass, density, volume Speed, distance, time Area Volume Surface area Cylinders Transformations Pythagoras Trigonometry – SOH CAH TOA Area and circumference of circles Column Vectors Angles in polygons Angles in parallel lines 	<ul style="list-style-type: none"> Y10 Geometry and Measures skills 	<ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<p>G1 G3 G6 G7 G8 G14 G16 G17 G18 G20 G21 G24 G25</p>	<p>Mass, density, volume, speed, distance, time, area, volume, surface area, cylinder, rotation, reflection, translation, enlargement, Pythagoras, trigonometry, sine, cosine, tangent, hypotenuse, adjacent, opposite, circle, circumference, radius, diameter, vector, polygon, interior, exterior, parallel, corresponding, alternate, co-interior</p>	
<p>Data (Probability and Statistics) Grade 3-5 booklet:</p> <ul style="list-style-type: none"> Frequency polygons Estimating mean Scatter diagrams Cumulative frequency Box plots Venn diagrams Probability and relative frequency Probability trees 	<ul style="list-style-type: none"> Y10 Probability and Statistic skills 	<ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<p>S2 S4 S6 P4 P6 P8 P9</p>	<p>Frequency, polygon, estimate, midpoint, mean, scatter diagram, correlation, line of best fit, cumulative, median, lower quartile, upper quartile, Inter quartile range, box plot, Venn diagram, probability, intersection, union,</p>	



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Combine/reverse mean

relative frequency,
probability tree,
reverse, mean

Pitstops and Assessments: Baseline assessment and Mock I



Year 11		Spring Term			
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Number: <ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<ul style="list-style-type: none"> Capture-recapture Laws of indices Prime factors, HCF and LCM Multiplying and dividing decimals Adding and subtracting fractions Multiplying and dividing fractions Negative and fractional indices Using a calculator Standard form Recurring decimals to fractions Error intervals Product rule for counting 	Grade 6-7 booklet and past papers practice			
Ratio and proportion: <ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<ul style="list-style-type: none"> Percentage change/increase/decrease/profit/loss Compound percentages Currency conversions Sharing in ratio Combining ratios 	Grade 6-7 booklet and past papers practice			
Algebra: <ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<ul style="list-style-type: none"> Expanding brackets Solving equations Factorising Laws of indices Linear simultaneous equations Linear inequalities Linear graphs Linear sequences Rearranging formulae Functions Quadratic sequences 	Grade 6-7 booklet and past papers practice			
Geometry and Measures: <ul style="list-style-type: none"> Topics based on weaknesses identified in the mock 	<ul style="list-style-type: none"> Mass, density, volume Speed, distance, time Area Volume Surface area Cylinders Transformations Pythagoras 	Grade 6-7 booklet and past papers practice			



	<ul style="list-style-type: none"> • Trigonometry – SOH CAH TOA • Area and circumference of circles • Column Vectors • Angles in polygons • Angles in parallel lines 				
Data (Probability and Statistics): <ul style="list-style-type: none"> • Topics based on weaknesses identified in the mock 	<ul style="list-style-type: none"> • Frequency polygons • Estimating mean • Scatter diagrams • Cumulative frequency • Box plots • Venn diagrams • Probability and relative frequency • Probability trees • Combine/reverse mean 	Grade 6-7 booklet and past papers practice			
Pitstops and Assessments: Mock 2 and Mock 3					

Year 11	Summer Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Grade 6-7 booklet and past papers practice					
Pitstops and Assessments:					



Cardinal Newman School: Medium Term Plan Maths Year 11 FOUNDATION 11a4, 11a5, 11b4

Overview: Purpose? People can feel that they are not good at maths when they are learning the wrong topics, or when they move on too quickly. Learning should be seen as a journey and we can only learn new topics when we have a secure foundation in the topics that come before them.

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Skills: Students will be accessing questions based on the content covering all 3 AOs: AO1: Use and apply standard techniques, AO2: Reason, interpret and communicate mathematically, AO3: Solve problems within mathematics and in other contexts

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Year 11	Autumn Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Number: <ul style="list-style-type: none"> Standard form 	<ul style="list-style-type: none"> Fractions of an amount Calculations with percentages Fractions Estimating Error intervals Indices 	<ul style="list-style-type: none"> Error interval Product of primes including HCF and LCM Multiplying and dividing decimals 	N9	Standard form, power, index, base	
Ratio and proportion: <ul style="list-style-type: none"> Reverse percentages Ratio and fraction problems Combining ratios Direct and inverse proportion problems 	<ul style="list-style-type: none"> Calculations with percentages Ratio skills 	<ul style="list-style-type: none"> Simple and compound interest Percentage change 	R5 R6 R8 R9 R10	Percentage, reverse, ratio, fraction, combine, part, share, proportion, direct, inverse	
Algebra: <ul style="list-style-type: none"> Expanding double brackets Factorising quadratics Solving quadratics by factorising Quadratic graphs Cubic and reciprocal graphs Changing the subject of the formula Finding the equation of a line from its graph Simultaneous equations Solving and forming equations 	<ul style="list-style-type: none"> Sequences (nth term) Inequalities 	<ul style="list-style-type: none"> Laws of indices Forming expressions Real life graphs Nth term of a linear sequence Linear inequalities revision Fibonacci sequences 	A4 A5 A10 A11 A12 A17 A18 A19 A21	Expand, factorise, quadratic, solve, graph, cubic, reciprocal, subject, formula, rearrange, equation, line, simultaneous equation, solve, form	
Geometry and Measures: <ul style="list-style-type: none"> Speed, distance, time 	<ul style="list-style-type: none"> Transformations Pythagoras 	<ul style="list-style-type: none"> Volume extension Surface area extension 	G1 G3	Compound measure, Speed, distance, time,	



<ul style="list-style-type: none"> • Mass, density, volume • Pressure, force, area • Angles in parallel lines • Angles in polygons • Column vectors • Similar shapes • Sectors (area, arc length, perimeter) • Pythagoras • Trigonometry – SOH CAH TOA • Area of a trapezium and compound shapes 	<ul style="list-style-type: none"> • Surface Area • Volume of a Prism • Cylinders 		G14 G16 G17 G18 G19 G20 G21 G24 G25	mass, velocity, volume, pressure, force, area, parallel, corresponding, alternate, co-interior, polygon, interior, exterior, vector, similar, scale factor, enlargement, sector, area, arc, perimeter, Pythagoras, hypotenuse, adjacent, opposite, Sine, cosine, tangent, trapezium, compound shape	
Probability and Statistics: <ul style="list-style-type: none"> • Probability trees • Venn diagrams 	<ul style="list-style-type: none"> • Scatter graphs • Averages from frequency tables • Probability – Relative frequency 	<ul style="list-style-type: none"> • Averages from frequency tables extension (including grouped frequency tables) • Composite bar charts • Pie charts • Scatter diagrams • Frequency polygons • Probability – Relative frequency extension 	P6 P8 P9	Probability, tree diagram, independent, Venn diagram, intersection, union, compliment	



Year 11	Spring Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Number: <ul style="list-style-type: none"> Error interval Product of primes including HCF and LCM Multiplying and dividing decimals 	Standard form	Grade 3-5 booklet and past paper practice	N2 N4 N15	Error interval, product, prime factor, Highest Common Factor, Lowest Common Multiple, decimal, product, quotient	
Ratio and proportion: <ul style="list-style-type: none"> Simple and compound interest Percentage change 	<ul style="list-style-type: none"> Reverse percentages Ratio and fraction problems Combining ratios Direct and inverse proportion problems 	Grade 3-5 booklet and past paper practice	R9 R16	Interest, simple, compound, multiplier, percentage change	
Algebra: <ul style="list-style-type: none"> Laws of indices Linear inequalities Forming expressions Forming and solving equations Real life graphs Nth term of a linear sequence Fibonacci sequences 	<ul style="list-style-type: none"> Expanding double brackets Factorising quadratics Solving quadratics by factorising Quadratic graphs Cubic and reciprocal graphs Changing the subject of the formula Finding the equation of a line from its graph Simultaneous equations Solving and forming equations 	Grade 3-5 booklet and past paper practice	A3 A4 A17 A21 A22 A24 A25	Index, power, inequality, solve, form, expression, graph, linear, sequence, nth term, Fibonacci	
Geometry and Measures: <ul style="list-style-type: none"> Volume Surface area 	<ul style="list-style-type: none"> Speed, distance, time Mass, velocity, volume Pressure, force, area Angles in parallel lines Angles in polygons Column vectors Similar shapes Sectors (area, arc length, perimeter) Pythagoras 	Grade 3-5 booklet and past paper practice	G14 G16 G17	Volume, prism, area, cross section, cuboid, cube, cylinder, surface area	



	<ul style="list-style-type: none"> Trigonometry – SOH CAH TOA Area of a trapezium and compound shapes 				
Probability and Statistics: <ul style="list-style-type: none"> Averages from frequency tables (including grouped frequency tables) Composite bar charts Pie charts Scatter diagrams Frequency polygons Probability – Relative frequency 	<ul style="list-style-type: none"> Probability trees Venn diagrams 	Grade 3-5 booklet and past paper practice	S2 S4 S6 P3	Average, mode, modal class interval, median, mean, midpoint, estimate, bar chart, composite, pie chart, scatter diagram, correlation, line of best fit, frequency polygon, probability, relative frequency	
Pitstops and Assessments: Mock 2 and Mock 3					

Year 11	Summer Term				
Topics/ Skills	Prior Learning:	Next Steps:	National Specification links:	Key Words/ Vocabulary:	Mathswatch videos:??
Grade 3-5 booklet and past paper practice					
Pitstops and Assessments:					