

GCSE Mathematics Foundation Scheme of Work Overview

FOUNDATION Year 10

Algebra 1F	14	hours
Number 1F	12	hours
Geometry 1F	12	hours
Probability 1F	12	hours
Number 2F	12	hours
Ratio 1F	10	hours
Geometry 2F	12	hours
Algebra 2F	12	hours

Total 96 hours
 32 weeks

FOUNDATION Year 11

Number 3F	13	hours
Algebra 3F	12	hours
Ratio 2F	11	hours
Probability 2F	7	hours
Geometry 3F	17	hours

Total 60 hours
 20 weeks

Module	Clips
Algebra 1F	7 - 8, 33 - 37, 93 - 104
Number 1F	1 - 6, 17 - 32
Geometry 1F	9 - 13, 43 - 56, 113 - 116
Probability 1F	14 - 16, 57 - 65, 125 - 130
Number 2F	66 - 77
Ratio 1F	38 - 42, 105 - 107
Geometry 2F	117 - 124, 145 - 150
Algebra 2F	133 - 141
Number 3F	78 - 92, 131 - 132, 154 - 156
Algebra 3F	157 - 163
Ratio 2F	108 - 112, 142 - 144, 164
Probability 2F	151 - 153, 175 - 176
Geometry 3F	165 - 174

Points to note:

* **Order of topics is appropriate for all.**

* **Timings of topics are approximate.**

Lower Foundation classes may need more time than upper Foundation classes.

Some departments will have more than 3 hours per week.

* **It is presumed that Grade 1 to 3 topics have been met, before.**

* **Some schools will begin the course in the latter part of Yr 9.**

The order of topics is still appropriate.

Year 10

Algebra 1F
14 hours

Clip	Grade	Title	
7	1	Algebraic conventions	Lesson 1
8	1	Coordinates	
33	2	Simplifying - Addition and Subtraction	
34	2	Simplifying - Multiplication	Lesson 2
35	2	Simplifying - Division	
36	2	Function Machines	Lesson 3
37	2	Generating a Sequence - Term to Term	
93	3	Expanding Brackets	Lesson 4
94	3	Simple Factorisation	
95	3	Substitution	Lesson 5
96	3	Straight Line Graphs	Lesson 6
96	3	Straight Line Graphs	Lesson 7
97	3	The Gradient of a Line	
98	3	Drawing Quadratic Graphs	Lesson 8
99	3	Sketching Functions	Lesson 9
100	3	Solving Equations using Flowcharts	Lesson 10
101	3	Subject of a Formula using Flowcharts	
102	3	Generating a Sequence from the n th Term	Lesson 11
103	3	Finding the n th Term	
104	3	Special Sequences	Lesson 12
		Revision	Lesson 13
		Algebra 1F Assessment	Lesson 14

Number 1F
12 hours

Clip	Grade	Title	
1	1	Place Value	Lesson 1
2	1	Ordering Integers	
3	1	Ordering Decimals	
4	1	Reading Scales	Lesson 2
5	1	Simple Mathematical Notation	
6	1	Interpreting Real-Life Tables	
17	2	Adding Integers and Decimals	Lesson 3
18	2	Subtracting Integers and Decimals	
19	2	Multiplying Integers	Lesson 4
20	2	Dividing Integers	Lesson 5
21	2	Inverse Operations	Lesson 6
22	2	Money Questions	
23	2	Negatives in Real Life	Lesson 7
24	2	Introduction to Fractions	
25	2	Equivalent Fractions	Lesson 8
26	2	Simplifying Fractions	
27	2	Half-Way Values	
28	2	Factors, Multiples and Primes	Lesson 9
29	2	Introduction to Powers/Indices	
30	2	Multiplying and Dividing by Powers of 10	
31	2	Rounding to the Nearest 10, 100, 1000	Lesson 10
32	2	Rounding to Decimal places	
		Revision	Lesson 11
		Number 1F Assessment	Lesson 12

Year 10

Geometry 1F
12 hours

Clip	Grade	Title	
9	1	Simple Geometric Definitions	Lesson 1
10	1	Polygons	
11	1	Symmetries	
12	1	Tessellations and Congruency	
13	1	Names of Angles	
43	2	Properties of Solids	Lesson 2
44	2	Nets	
45	2	Angles on a Line and at a Point	Lesson 3
46	2	Measuring and drawing Angles	
47	2	Drawing a Triangle Using a Protractor	Lesson 4
48	2	Reflections	
49	2	Rotations	Lesson 5
50	2	Translations	
51	2	Plans and Elevations	Lesson 6
52	2	Perimeters	
53	2	Area of a Rectangle	Lesson 7
54	2	Area of a Triangle	
55	2	Area of a Parallelogram	Lesson 8
56	2	Area of a Trapezium	
113	3	Problems on Coordinate Axes	Lesson 9
114	3	Surface Area of a Prism	
115	3	Volume of a Cuboid	Lesson 10
116	3	Circle Definitions	
		Revision	Lesson 11
		Geometry and Measures 1F Assessment	Lesson 12

Probability 1F
12 hours

Clip	Grade	Title	
14	1	The Probability Scale	Lesson 1
15	1	Tally Charts and Bar Charts	
16	1	Pictograms	
57	2	Frequency Trees	Lesson 2
58	2	Listing Outcomes	
59	2	Calculating Probabilities	
60	2	Mutually Exclusive Events	Lesson 3
61	2	Two-Way Tables	
62	2	Averages and the Range	Lesson 4
63	2	Data - Discrete and Continuous	
64	2	Vertical Line Charts	Lesson 5
65	2	Frequency Tables and Diagrams	
125	3	Experimental Probabilities	Lesson 6
126	3	Possibility Spaces	
127	3	Venn Diagrams	Lesson 7
128	3	Pie Charts	Lesson 8
129	3	Scatter Diagrams	Lesson 9
130	3	Averages from a table	Lesson 10
		Revision	Lesson 11
		Probability and Statistics 1F Assessment	Lesson 12

Year 10

Number 2F
12 hours

Clip	Grade	Title	
66	3	Multiplying Decimals	Lesson 1
67	3	Dividing Decimals	Lesson 2
68	3	Four Rules of Negatives	Lesson 3
69	3	Listing Strategies	Lesson 4
70	3	Comparing Fractions	
71	3	Adding and Subtracting Fractions	Lesson 5
72	3	Finding a Fraction of an Amount	Lesson 6
73	3	Multiplying Fractions	Lesson 7
74	3	Dividing Fractions	Lesson 8
75	3	BODMAS/BIDMAS	Lesson 9
76	3	Reciprocals	Lesson 10
77	3	Calculator Questions	
		Revision	Lesson 11
		Number 2F Assessment	Lesson 12

Ratio 1F
10 hours

Clip	Grade	Title	
38	2	Introduction to Ratio	Lesson 1
39	2	Using Ratio for Recipe Questions	Lesson 2
40	2	Introduction to Percentages	Lesson 3
41	2	Value for Money	Lesson 4
42	2	Simple Proportion	Lesson 5
105	3	Exchanging Money	Lesson 6
106	3	Sharing using Ratio	Lesson 7
107	3	Ratios, Fractions and Graphs	Lesson 8
		Revision	Lesson 9
		Ratio 1F Assessment	Lesson 10

Geometry 2F
12 hours

Clip	Grade	Title	
117	3	Area of a Circle	Lesson 1
118	3	Circumference of a Circle	
119	3	Volume of a Prism	Lesson 2
120	3	Angles and Parallel Lines	Lesson 3
121	3	Angles in a Triangle	
122	3	Properties of Special Triangles	Lesson 4
123	3	Angle Sum of Polygons	
124	3	Bearings	Lesson 5
145	4	Bisecting an Angle	Lesson 6
146	4	Constructing Perpendiculars	
147	4	Draw a Triangle Using Compasses	Lesson 7
148	4	Enlargements	Lesson 8
149	4	Tangents, Arcs, Sectors and Segments	Lesson 9
150	4	Pythagoras' Theorem	Lesson 10
		Revision	Lesson 11
		Geometry 2F Assessment	Lesson 12

Algebra 2F
12 hours

Clip	Grade	Title	
133	4	Midpoint of a Line on a Graph	Lesson 1
134	4	Expanding and Simplifying Brackets	Lesson 2
134	4	Expanding and Simplifying Brackets	Lesson 3
135	4	Solve Equations	Lesson 4
135	4	Solve Equations	Lesson 5
136	4	Rearranging Simple Formulae	Lesson 6
137	4	Forming Formulae and Equations	Lesson 7
138	4	Inequalities on a Number Line	Lesson 8
139	4	Solve Linear Inequalities	Lesson 9
140	4	Simultaneous Equations Graphically	Lesson 10
141	4	Fibonacci Sequences	
		Revision	Lesson 11
		Algebra 2F Assessment	Lesson 12

Year 11

Number 3F
13 hours

Clip	Grade	Title	
78	3	Product of Primes	Lesson 1
79	3	Highest Common Factor (HCF)	
80	3	Lowest Common Multiple (LCM)	
81	3	Squares, Cubes and Roots	Lesson 2
82	3	Working with Indices	
83	3	Standard Form	Lesson 3
84	3	Decimals and Fractions	Lesson 4
85	3	Fractions, Percentages, Decimals	
86	3	Percentage of an Amount (Calc.)	Lesson 5
87	3	Percentage of an Amount (Non-Calc.)	
88	3	Change to a Percentage (Calc.)	Lesson 6
89	3	Change to a Percentage (Non-Calc.)	
90	3	Rounding to Significant Figures	Lesson 7
91	3	Estimating Answers	Lesson 8
92	3	Using Place Value	
131	4	Index Notation	Lesson 9
132	4	Introduction to Bounds	
154	5	Negative Indices	Lesson 10
155	5	Error Intervals	Lesson 11
156	5	Mathematical Reasoning	
		Revision	Lesson 12
		Number 3F Assessment	Lesson 13

Algebra 3F
12 hours

Clip	Grade	Title	
157	5	Factorising and Solving Quadratics	Lesson 1
157	5	Factorising and Solving Quadratics	Lesson 2
158	5	The Difference of Two Squares	
159	5	Finding the Equation of a Straight Line	Lesson 3
160	5	Roots and Turning Points of Quadratics	Lesson 4
161	5	Cubic and Reciprocal Graphs	Lesson 5
161	5	Cubic and Reciprocal Graphs	Lesson 6
162	5	Simultaneous Equations Algebraically	Lesson 7
162	5	Simultaneous Equations Algebraically	Lesson 8
162	5	Simultaneous Equations Algebraically	Lesson 9
163	5	Geometric Progressions	Lesson 10
		Revision	Lesson 11
		Algebra 3F Assessment	Lesson 12

Ratio 2F
11 hours

Clip	Grade	Title	
108	3	Increase/Decrease by a Percentage	Lesson 1
109	3	Percentage Change	Lesson 2
110	3	Reverse Percentage Problems	Lesson 3
111	3	Simple Interest	Lesson 4
112	3	Metric conversions	Lesson 5
142	4	Compound Units	Lesson 6
143	4	Distance-Time Graphs	Lesson 7
144	4	Similar Shapes	Lesson 8
164	5	Compound Interest and Depreciation	Lesson 9
		Revision	Lesson 10
		Ratio 2F Assessment	Lesson 11

Year 11

Probability 2F

7 hours

151	4	Simple Tree Diagrams	Lesson 1
152	4	Sampling Populations	Lesson 2
153	4	Time Series	Lesson 3
175	5	Harder Tree Diagrams	Lesson 4
176	5	Stratified sampling	Lesson 5
Revision			Lesson 6
Probability 2F Assessment			Lesson 7

Geometry 3F

17 hours

Clip	Grade	Title	
165	5	Loci	Lesson 1
166	5	Congruent triangles	Lesson 2
166	5	Congruent triangles	Lesson 3
167	5	Sectors of a Circle	Lesson 4
167	5	Sectors of a Circle	Lesson 5
168	5	Trigonometry	Lesson 6
168	5	Trigonometry	Lesson 7
168	5	Trigonometry	Lesson 8
169	5	Spheres	Lesson 9
169	5	Spheres	Lesson 10
170	5	Pyramids	Lesson 11
171	5	Cones	Lesson 12
172	5	Frustums	Lesson 13
173	5	Exact Trigonometric Values	Lesson 14
174	5	Introduction to Vectors	Lesson 15
Revision			Lesson 16
Geometry 3F Assessment			Lesson 17

GCSE Mathematics Higher Scheme of Work Overview

HIGHER Year 10

Algebra 1H	14	hours
Number 1H	12	hours
Geometry 1H	12	hours
Algebra 2H	9	hours
Probability 1H	11	hours
Ratio H	12	hours
Algebra 3H	11	hours
Geometry 2H	14	hours
Probability 2H	13	hours

Total 108 hours
 36 weeks

HIGHER Year 11

Algebra 4H	12	hours
Geometry 3H	12	hours
Number 2H	13	hours
Algebra 5H	12	hours
Geometry 4H	12	hours
Algebra 6H	19	hours

Total 80 hours
 26.7 weeks

Module	Clips
Algebra 1H	33 - 36, 93 - 99, 102 - 104, 133 - 134
Number 1H	29, 32, 66 - 68, 70 - 92, 131 - 132
Geometry 1H	48 - 56, 113 - 124, 145 - 150
Algebra 2H	135 - 141
Probability 1H	57 - 65, 125 - 130, 151 - 153
Ratio H	38 - 39, 41 - 42, 105 - 112, 142 - 144, 164, 199
Algebra 3H	157 - 163
Geometry 2H	165 - 172
Probability 2H	175 - 176, 185 - 187, 204 - 205
Algebra 4H	178 - 180, 190 - 192
Geometry 3H	173 - 174, 181 - 184, 200
Number 2H	154 - 156, 177, 188 - 189, 206 - 207
Algebra 5H	193 - 198
Geometry 4H	201 - 203, 217 - 219
Algebra 6H	208 - 216

Points to note:

* **Order of topics is appropriate for all.**

* **Timings of topics are approximate.**

Weaker Higher classes may need more time than upper Higher classes.

Some departments will have more than 3 hours per week.

* **It is presumed that Grade 1 to 4 topics have been met, before.**

* **Some schools will begin the course in the latter part of Yr 9.**

The order of topics is still appropriate.

* **Some lower topics have been deliberately omitted.**

Higher students don't need to be taught about ordering integers for example.

Year 10

Algebra 1H
 14 hours

Clip	Grade	Title	
33	2	Simplifying - Addition and Subtraction	Lesson 1
34	2	Simplifying - Multiplication	
35	2	Simplifying - Division	Lesson 2
36	2	Function Machines	
93	3	Expanding Brackets	Lesson 3
94	3	Simple Factorisation	
95	3	Substitution	Lesson 4
96	3	Straight Line Graphs	Lesson 5
97	3	The Gradient of a Line	Lesson 6
98	3	Drawing Quadratic Graphs	Lesson 7
99	3	Sketching Functions	Lesson 8
102	3	Generating a Sequence from the n th Term	Lesson 9
103	3	Finding the n th Term	
104	3	Special Sequences	Lesson 10
133	4	Midpoint of a Line on a Graph	Lesson 11
134	4	Expanding and Simplifying Brackets	Lesson 12
		Revision	Lesson 13
		Algebra 1H Assessment	Lesson 14

Number 1H
 12 hours

Clip	Grade	Title	
29	2	Introduction to Powers/Indices	Lesson 1
32	2	Rounding to Decimal places	
66	3	Multiplying Decimals	
67	3	Dividing Decimals	
68	3	Four Rules of Negatives	Lesson 2
70	3	Comparing Fractions	
71	3	Adding and Subtracting Fractions	
72	3	Finding a Fraction of an Amount	Lesson 3
73	3	Multiplying Fractions	
74	3	Dividing Fractions	
75	3	BODMAS/BIDMAS	
76	3	Reciprocals	Lesson 4
77	3	Calculator Questions	
78	3	Product of Primes	Lesson 5
79	3	Highest Common Factor (HCF)	
80	3	Lowest Common Multiple (LCM)	
81	3	Squares, Cubes and Roots	
82	3	Working with Indices	Lesson 6
83	3	Standard Form	
84	3	Decimals and Fractions	Lesson 7
85	3	Fractions, Percentages, Decimals	
86	3	Percentage of an Amount (Calc.)	
87	3	Percentage of an Amount (Non-Calc.)	
88	3	Change to a Percentage (Calc.)	Lesson 8
89	3	Change to a Percentage (Non-Calc.)	
90	3	Rounding to Significant Figures	
91	3	Estimating Answers	Lesson 9
92	3	Using Place Value	
131	4	Index Notation	Lesson 10
132	4	Introduction to Bounds	
		Revision	Lesson 11
		Number 1H Assessment	Lesson 12

Year 10

Geometry 1H
12 hours

Clip	Grade	Title	
48	2	Reflections	Lesson 1
49	2	Rotations	
50	2	Translations	
51	2	Plans and Elevations	Lesson 2
52	2	Perimeters	
53	2	Area of a Rectangle	
54	2	Area of a Triangle	
55	2	Area of a Parallelogram	
56	2	Area of a Trapezium	
113	3	Problems on Coordinate Axes	Lesson 3
114	3	Surface Area of a Prism	
115	3	Volume of a Cuboid	
116	3	Circle Definitions	Lesson 4
117	3	Area of a Circle	
118	3	Circumference of a Circle	
119	3	Volume of a Prism	Lesson 5
120	3	Angles and Parallel Lines	Lesson 6
121	3	Angles in a Triangle	
122	3	Properties of Special Triangles	
123	3	Angle Sum of Polygons	Lesson 7
124	3	Bearings	
145	4	Bisecting an Angle	Lesson 8
146	4	Constructing Perpendiculars	
147	4	Draw a Triangle Using Compasses	
148	4	Enlargements	Lesson 9
149	4	Tangents, Arcs, Sectors and Segments	
150b and c	4	Pythagoras' Theorem	Lesson 10
		Revision	Lesson 11
		Geometry and Measures 1H Assessment	Lesson 12

Algebra 2H
9 hours

Grade	Title	
135	Solve Equations	Lesson 1
135	Solve Equations	Lesson 2
136	Rearranging Simple Formulae	Lesson 3
137	Forming Formulae and Equations	Lesson 4
138	Inequalities on a Number Line	Lesson 5
139	Solve Linear Inequalities	
140	Simultaneous Equations Graphically	Lesson 6
141	Fibonacci Sequences	Lesson 7
	Revision	Lesson 8
	Algebra 2H Assessment	Lesson 9

Year 10

Probability 1H
11 hours

Clip	Grade	Title	
57	2	Frequency Trees	Lesson 1
58	2	Listing Outcomes	
59	2	Calculating Probabilities	
60	2	Mutually Exclusive Events	Lesson 2
61	2	Two-Way Tables	
62	2	Averages and the Range	Lesson 3
63	2	Data - Discrete and Continuous	
64	2	Vertical Line Charts	Lesson 4
65	2	Frequency Tables and Diagrams	
125	3	Experimental Probabilities	
126	3	Possibility Spaces	Lesson 5
127	3	Venn Diagrams	
128	3	Pie Charts	
129	3	Scatter Diagrams	Lesson 6
130	3	Averages from a table	Lesson 7
151	4	Simple Tree Diagrams	Lesson 8
152	4	Sampling Populations	Lesson 9
153	4	Time Series	Lesson 10
		Revision	
		Probability and Statistics 1H Assessment	Lesson 11

Ratio H
12 hours

Clip	Grade	Title	
38	2	Introduction to Ratio	Lesson 1
39	2	Using Ratio for Recipe Questions	
41	2	Value for Money	
42	2	Simple Proportion	Lesson 2
105	3	Exchanging Money	
106	3	Sharing using Ratio	Lesson 3
107	3	Ratios, Fractions and Graphs	
108	3	Increase/Decrease by a Percentage	
109	3	Percentage Change	Lesson 4
110	3	Reverse Percentage Problems	
111	3	Simple Interest	Lesson 5
112	3	Metric conversions	Lesson 6
142	4	Compound Units	Lesson 7
143	4	Distance-Time Graphs	
144	4	Similar Shapes	
164	5	Compound Interest and Depreciation	Lesson 8
199	7	Direct and Inverse Proportion	Lesson 9
199	7	Direct and Inverse Proportion	Lesson 10
		Revision	Lesson 11
		Ratio H Assessment	Lesson 12

Algebra 3H
11 hours

Clip	Grade	Title	
157	5	Factorising and Solving Quadratics	Lesson 1
157	5	Factorising and Solving Quadratics	Lesson 2
158	5	The Difference of Two Squares	Lesson 3
159	5	Finding the Equation of a Straight Line	
160	5	Roots and Turning Points of Quadratics	
161	5	Cubic and Reciprocal Graphs	Lesson 5
162	5	Simultaneous Equations Algebraically	Lesson 6
162	5	Simultaneous Equations Algebraically	Lesson 7
162	5	Simultaneous Equations Algebraically	Lesson 8
163	5	Geometric Progressions	Lesson 9
		Revision	Lesson 10
		Algebra 3H Assessment	Lesson 11

Year 10

Geometry 2H
14 hours

Clip	Grade	Title	
165	5	Loci	Lesson 1
166	5	Congruent triangles	Lesson 2
166	5	Congruent triangles	Lesson 3
167	5	Sectors of a Circle	Lesson 4
168	5	Trigonometry	Lesson 5
168	5	Trigonometry	Lesson 6
168	5	Trigonometry	Lesson 7
169	5	Spheres	Lesson 8
169	5	Spheres	Lesson 9
170	5	Pyramids	Lesson 10
171	5	Cones	Lesson 11
172	5	Frustums	Lesson 12
		Revision	Lesson 13
		Geometry 2H Assessment	Lesson 14

Probability 2H
13 hours

Clip	Grade	Title	
175	5	Harder Tree Diagrams	Lesson 1
175	5	Harder Tree Diagrams	Lesson 2
176	5	Stratified sampling	Lesson 3
185	6	Probability using Venn Diagrams	Lesson 4
186	6	Cumulative Frequency	Lesson 5
186	6	Cumulative Frequency	Lesson 6
187	6	Boxplots	Lesson 7
204	7	And and Or Probability Questions	Lesson 8
204	7	And and Or Probability Questions	Lesson 9
205	7	Histograms	Lesson 10
205	7	Histograms	Lesson 11
		Revision	Lesson 12
		Probability 2H Assessment	Lesson 13

Year 11

Algebra 4H
12 hours

Clip	Grade	Title	
178	6	Product of Three Binomials	Lesson 1
179	6	Iteration - Trial and Improvement	Lesson 2
180	6	Iterative Processes	Lesson 3
180	6	Iterative Processes	Lesson 4
190	7	Rearranging Difficult Formulae	Lesson 5
190	7	Rearranging Difficult Formulae	Lesson 6
191	7	Solving Quadratics with the Formula	Lesson 7
191	7	Solving Quadratics with the Formula	Lesson 8
192	7	Factorising Hard Quadratics	Lesson 9
192	7	Factorising Hard Quadratics	Lesson 10
		Revision	Lesson 11
		Algebra 4H Assessment	Lesson 12

Geometry 3H
12 hours

Clip	Grade	Title	
173	5	Exact Trigonometric Values	Lesson 1
173	5	Exact Trigonometric Values	Lesson 2
174	5	Introduction to Vectors	Lesson 3
181	6	Enlargement - Negative Scale Factor	Lesson 4
182	6	Combinations of Transformations	Lesson 5
183	6	Circle Theorems	Lesson 6
183	6	Circle Theorems	Lesson 7
184	6	Proof of Circle Theorems	Lesson 8
200	7	Similarity - Area and Volume	Lesson 9
200	7	Similarity - Area and Volume	Lesson 10
		Revision	Lesson 11
		Geometry 3H Assessment	Lesson 12

Number 2H
13 hours

Clip	Grade	Title	
154	5	Negative Indices	Lesson 1
155	5	Error Intervals	Lesson 2
156	5	Mathematical Reasoning	Lesson 3
177	6	Recurring Decimals to Fractions	Lesson 4
188	7	Fractional Indices	Lesson 5
189	7	Recurring Decimals - Proof	Lesson 6
206	8/9	Upper and Lower Bounds	Lesson 7
206	8/9	Upper and Lower Bounds	Lesson 8
207	8/9	Surds	Lesson 9
207	8/9	Surds	Lesson 10
207	8/9	Surds	Lesson 11
		Revision	Lesson 12
		Number 2H Assessment	Lesson 13

Algebra 5H
12 hours

Clip	Grade	Title	
193	7	Algebraic Proof	Lesson 1
194	7	Exponential Functions	Lesson 2
194	7	Exponential Functions	Lesson 3
195	7	Trigonometric Graphs	Lesson 4
195	7	Trigonometric Graphs	Lesson 5
196	7	Transformation of Functions	Lesson 6
196	7	Transformation of Functions	Lesson 7
197	7	Equation of a Circle	Lesson 8
198	7	Regions	Lesson 9
198	7	Regions	Lesson 10
		Revision	Lesson 11
		Algebra 5H Assessment	Lesson 12

Year 11

Geometry 4H
12 hours

Clip	Grade	Title	
201	7	The Sine Rule	Lesson 1
202	7	The Cosine Rule	Lesson 2
202	7	The Cosine Rule	Lesson 3
203	7	Area of a Triangle Using Sine	Lesson 4
217	8/9	Pythagoras in 3D	Lesson 5
218	8/9	Trigonometry in 3D	Lesson 6
218	8/9	Trigonometry in 3D	Lesson 7
219	8/9	Vectors	Lesson 8
219	8/9	Vectors	Lesson 9
219	8/9	Vectors	Lesson 10
		Revision	Lesson 11
		Geometry 4H Assessment	Lesson 12

Algebra 6H
19 hours

Clip	Grade	Title	
208	8/9	Perpendicular Lines	Lesson 1
208	8/9	Perpendicular Lines	Lesson 2
209	8/9	Completing the Square	Lesson 3
209	8/9	Completing the Square	Lesson 4
210	8/9	Algebraic Fractions	Lesson 5
210	8/9	Algebraic Fractions	Lesson 6
211	8/9	Simultaneous Equations with a Quadratic	Lesson 7
212	8/9	Solve Quadratic Inequalities	Lesson 8
212	8/9	Solve Quadratic Inequalities	Lesson 9
213	8/9	Finding the n th Term of a Quadratic	Lesson 10
214	8/9	Inverse Functions	Lesson 11
214	8/9	Inverse Functions	Lesson 12
215	8/9	Composite Functions	Lesson 13
215	8/9	Composite Functions	Lesson 14
216	8/9	Velocity-Time Graphs	Lesson 15
216	8/9	Velocity-Time Graphs	Lesson 16
216	8/9	Velocity-Time Graphs	Lesson 17
		Revision	Lesson 18
		Algebra 6H Assessment	Lesson 19