



<b>Algebra 1H</b>	<b>LESSON</b>	<b>CLIP</b>	<b>GRADE</b>	<b>TOPIC TITLE</b>
	1	33	2	Algebraic Notation and Simplifying - Addition and Subtraction
	2	34,35	2	Simplifying - Multiplication & Division
	3	34,35	2	Simplifying - Multiplication & Division
	4	93	3	Expanding Single Brackets
	5	94	3	Simple Factorisation
	6	95	3	Substitution
	7	96	3	Straight Line Graphs
	8	96	3	Straight Line Graphs
	9	97	3	Gradient of a Line
	10	97	3	Gradient of a Line
	11	98,99	3	Drawing quadratic Graphs & Sketching Functions
	12	98,99	3	Drawing quadratic Graphs & Sketching Functions
	13	98,99	3	Drawing quadratic Graphs & Sketching Functions
	14	102,104	3	Generating a Sequence from the nth Term & Special Sequences
	15	103	3	Finding the nth Term
	16			Revision
	17			End of Unit Assessment
18			Assessment Review	

<b>NUMBER 1H</b>	<b>LESSON</b>	<b>CLIP</b>	<b>GRADE</b>	<b>TOPIC TITLE</b>
	1	29	2	Introduction to Powers/Indices
	2	32,90	2	Rounding to Decimal Places/Significant Figures
	3	32,90	3	Rounding to Decimal Places/Significant Figures
	4	66,67	3	Multiplying and Dividing Decimals
	5	66,67	3	Multiplying and Dividing Decimals
	6	68	3	Four Rules of Negatives
	7	70,71,72	3	Comparing Fractions/Adding/Subtracting Fractions
	8	70,71,72	3	Comparing Fractions/Adding/Subtracting Fractions
	9	72	3	Find a Fraction of an amount
	10	73	3	Multiplying Fractions
	11	74	3	Dividing Fractions
	12	75	3	BODMAS/BIDMAS
	13	76,77	3	Reciprocals/Calculator Questions
	14	78	3	Product of Prime Factors
	15	78	3	Product of Prime Factors
	16	79,80	3	HCF and LCM
	17	79,80	3	HCF and LCM
	18	81,82	3	Squares,Cubes,Roots/Working with Indices
	19	83	3	Standard Form
20	83	3	Standard Form	

21	84,85	3	Decimals and Fractions/FDP
22	84,85	3	Decimals and Fractions/FDP
23	86	3	Percentage of an amount(Calc)
24	87	3	Percentage of an amount(Non-Calc)
25	88	3	Change to a percentage(Calc)
26	89	3	Change to a percentage(Non-Calc)
27	91	3	Estimating Answers
28	92	3	Using Place Value
29	29,131	4	Index Notation
30	132	4	Introduction to Bounds
31			Revision
32			End of Unit Assessment
33			Assessment Review

GEOMETRY 1H	LESSO N	CLIP	GRAD E	TOPIC TITLE
	1	48,49,50	2	Reflections , Rotations, Translations
	2	48,49,50	2	Reflections , Rotations, Translations
	3	51	2	Plans and Elevations
	4	52	2	Perimeters
	5	53,54,55	2	Area of a Rectangle, Triangle and Parallelogram
	6	56	2	Area of a Trapezium
	7	112	3	Metric Conversions
	8	113	3	Problems on Coordinate Axes
	9	114	3	Surface area of a Prism
	10	115	3	Volume of a Cuboid
	11	116,149	3	Circle Definitions , Area/Circumference of a circle
	12	116,149	3	Circle Definitions , Area/Circumference of a circle
	13	119	3	Volume of a Prism
	14	121,122	3	Angles in a Triangle/Special Triangles
	15	120	3	Angles and Parallel Lines
	16	120	3	Angles and Parallel Lines
	17	123	3	Angle Sum of a polygon
	18	123	3	Angle Sum of a polygon
	19	124	3	Bearings
	20	145,146	4	Bisecting an angle/Perpendicular lines
	21	145,146	4	Bisecting an angle/Perpendicular lines
	22	147	4	Construct triangles using compasses
	23	148	4	Enlargements
	24	150b,c	4	Pythagoras' Theorem
	25	150b,c	4	Pythagoras' Theorem
	26	150b,c	4	Pythagoras' Theorem
	27	150b,c	4	Pythagoras' Theorem
	28			Revision
	29			End of Unit Assessment
30			Assessment Review	

Algebra 2H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	133	4	Midpoint of a Line on a Graph
	2	134	4	Expanding and Simplifying double brackets
	3	134	4	Expanding and Simplifying double brackets
	4	135	4	Solving Equations
	5	135	4	Solving Equations
	6	135	4	Solving Equations
	7	136	4	Rearranging Simple Formulae
	8	137	4	Forming Formulae and Solving Equations
	9	137	4	Forming Formulae and Solving Equations
	10	138	4	Inequalities on a Number Line
	11	139	4	Solving Linear Inequalities
	12	140	4	Simultaneous Equations Graphically
	13	140	4	Simultaneous Equations Graphically
	14	141	4	Fibonacci Sequence
				Revision
			End of Unit Assessment	
			Assessment Review	

Probability 1H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	57	2	Frequency Trees
	2	58,59	2	Lising Outcomes/Calculating Probabilities
	3	60	2	Mutually Exclusive Events
	4	62	2	Averages and the Range
	5	62	2	Averages and the Range
	6	63	2	Data Discrete and Continuous
	7	65	2	Frequency Tables and Diagrams
	8	125,126	3	Experimental Probabilities/Probability Space
	9	127	3	Venn Diagrams Intro
	10	127	3	Venn Diagrams Intro
	11	128	3	Pie Charts
	12	129	3	Scatter Diagrams
	13	130	3	Averages from a table
	14	130	3	Averages from a table
	15	130	3	Averages from a table
	16	151	4	Simple Tree Diagrams
	17	152/153	4	Sampling Populations/Time Series
	18			Revision
	19			End of Unit Assessment
20			Assessment Review	

Ratio 1H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	38	2	Introduction to Ratio
	2	39	2	Using Ratio for Recipe Questions
	3	41	2	Value for Money
	4	42	2	Introduction to Proportion
5	105	3	Exchanging Money	

	6	106	3	Sharing using Ratio
	7	107	3	Ratios, Fractions and Graphs
	8	108	3	Increase/Decrease by a Percentage
	9	109	3	Percentage Change
	10	110	3	Reverse Percentage problems
	11	111,164	5	SimpleInterest/Compound Interest/Depreciation
	12	111,164	5	SimpleInterest/Compound Interest/Depreciation
	13	142	4	Compound Units
	14	142	4	Compound Units
	15	143	4	Distance-Time Graphs
	16	144	4	Similar Shapes
	17	144	4	Similar Shapes
	18	199	7	Direct and Inverse Proportion
	19	199	7	Direct and Inverse Proportion
	20	199	7	Direct and Inverse Proportion
	21			Revision
	22			End of Unit Assessment
	23			Assessment Review

Algebra 3H	LESSO N	CLIP	GRAD E	TOPIC TITLE
	1	157	5	Factorisin and Solving Quadratics
	2	157	5	Factorisin and Solving Quadratics
	3	158	5	The Difference of Two Squares
	4	159	5	Finding the Equation of a straight Line
	5	159	5	Finding the Equation of a straight Line
	6	160	5	Roots and Turning Points of Quadratics
	7	161	5	Cubic and Reciprocal Graphs
	8	162	5	Simultaneous Equations Algebraically
	9	162	5	Simultaneous Equations Algebraically
	10	162	5	Simultaneous Equations Algebraically
	11	162	5	Simultaneous Equations Algebraically
	12	162	5	Simultaneous Equations Algebraically
	13	163	5	Geometric Progressions
	14			Revision
	15			End of Unit Assessment
16			Assessment Review	

Geometry 2H	LESSO N	CLIP	GRAD E	TOPIC TITLE
	1	165	5	Loci
	2	165	5	Loci
	3	166	5	Congruent Triangles
	4	166	5	Congruent Triangles
	5	167	5	Sectors of a Circle
	6	167	5	Sectors of a Circle
	7	168	5	Trigonometry
	8	168	5	Trigonometry
	9	168	5	Trigonometry
10	168	5	Trigonometry	

	11	168	5	Trigonometry
	12	169	5	Spheres
	13	169	5	Spheres
	14	170	5	Pyramids
	15	171	5	Cones
	16	171	5	Cones
	17	144	4	Similar Shapes Recap
	18	172	5	Frustums
	19	172	5	Frustums
	20			Revision
	21			End of Unit Assessment
	22			Assessment Review

Probability 2H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	175	5	Harder Tree Diagrams
	2	175	5	Harder Tree Diagrams
	3	176	5	Stratified Sampling
	4	185	6	Probability using Venn Diagrams
	5	185	6	Probability using Venn Diagrams
	6	186	6	Cumulative Frequency
	7	186	6	Cumulative Frequency
	8	187	6	Boxplots
	9	204	7	And or Probability Questions
	10	204	7	And or Probability Questions
	11	205	7	Histograms
	12	205	7	Histograms
	13	205	7	Histograms
	14			Revision
	15			End of Unit Assessment
16			Assessment Review	

Algebra 4H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	178	6	Product of Three Binomials
	2	178	6	Product of Three Binomials
	3	179	6	Iteration - Trial and Improvement
	4	180	6	Iterative Process
	5	180	6	Iterative Process
	6	190	7	Rearranging Difficult Formulae
	7	190	7	Rearranging Difficult Formulae
	8	190	7	Rearranging Difficult Formulae
	9	190	7	Rearranging Difficult Formulae
	10	191	7	Solving Quadratics with the Formula
	11	191	7	Solving Quadratics with the Formula
	12	191	7	Solving Quadratics with the Formula
	13	192	7	Factorising Hard Quadratics
	14	192	7	Factorising Hard Quadratics
	15	192	7	Factorising Hard Quadratics
16			Revision	

	17			End of Unit Assessment
	18			Assessment Review

Geometry 3H	LESSON	CLIP	GRADE	TOPIC TITLE
	N		E	
	1	173	5	Exact Trigonometric Values
	2	173	5	Exact Trigonometric Values
	3	174	5	Introduction to Vectors
	4	174	5	Introduction to Vectors
	5	181	6	Enlargement - Negative Scale Factor
	6	181	6	Enlargement - Negative Scale Factor
	7	182	6	Combinations of Transformations
	8	182	6	Combinations of Transformations
	9	183	6	Circle Theorems
	10	183	6	Circle Theorems
	11	183	6	Circle Theorems
	12	183	6	Circle Theorems
	13	184	6	Proof of Circle Theorems
	14	184	6	Proof of Circle Theorems
	15	200	7	Similarity - Area and Volume
	16	200	7	Similarity - Area and Volume
	17	200	7	Similarity - Area and Volume
	18			Revision
19			End of Unit Assessment	
20			Assessment Review	

Number 2H	LESSON	CLIP	GRADE	TOPIC TITLE
	N		E	
	1	154	5	Negative Indices
	2	154	5	Negative Indices
	3	188	7	Fractional Indices
	4	155	5	Error Intervals
	5	156	5	Mathematical Reasoning
	6	156	5	Mathematical Reasoning
	7	177	6	Recurring Decimals to Fractions
	8	189	7	Recurring Decimals Proof
	9	189	7	Recurring Decimals Proof
	10	206	8/9	Upper and Lower bounds
	11	206	8/9	Upper and Lower bounds
	12	206	8/9	Upper and Lower bounds
	13	207	8/9	Surds
	14	207	8/9	Surds
	15	207	8/9	Surds
	16	207	8/9	Surds
	17	207	8/9	Surds
	18	207	8/9	Surds
	19			Revision
20			End of Unit Assessment	
21			Assessment Review	

Algebra 5H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	193	7	Algebraic Proof
	2	193	7	Algebraic Proof
	3	193	7	Algebraic Proof
	4	194	7	Exponential Functions
	5	194	7	Exponential Functions
	6	195	7	Trigonometric Graphs
	7	195	7	Trigonometric Graphs
	8	195	7	Trigonometric Graphs
	9	196	7	Transformation of Functions
	10	196	7	Transformation of Functions
	11	196	7	Transformation of Functions
	12	196	7	Transformation of Functions
	13	197	7	Equation of a circle
	14	198	7	Regions
	15	198	7	Regions
	16	198	7	Regions
	17			Revision
	18			End of Unit Assessment
19			Assessment Review	

Geometry 4H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	201	7	The Sine Rule
	2	201	7	The Sine Rule
	3	202	7	The Cosine Rule
	4	202	7	The Cosine Rule
	5	203	7	Area of a Triangle Using Sine
	6	203	7	Area of a Triangle Using Sine
	7	217	8/9	Pythagoras in 3D
	8	217	8/9	Pythagoras in 3D
	9	218	8/9	Trigonometry in 3D
	10	218	8/9	Trigonometry in 3D
	11	219	8/9	Vectors
	12	219	8/9	Vectors
	13	219	8/9	Vectors
	14	219	8/9	Vectors
	15	219	8/9	Vectors
	16			Revision
	17			End of Unit Assessment
18			Assessment Review	

Algebra 6H	LESSON	CLIP	GRADE	TOPIC TITLE
	1	211	8/9	Simultaneous Equations with a Quadratic
	2	211	8/9	Simultaneous Equations with a Quadratic
	3	211	8/9	Simultaneous Equations with a Quadratic
	4	208	8/9	Perpendicular Lines
5	208	8/9	Perpendicular Lines	

6	209	8/9	Completing the Square
7	209	8/9	Completing the Square
8	209	8/9	Completing the Square
9	209	8/9	Completing the Square
10	210	8/9	Algebraic Fractions
11	210	8/9	Algebraic Fractions
12	210	8/9	Algebraic Fractions
13	210	8/9	Algebraic Fractions
14	212	8/9	Solve Quadratic Inequalities
15	212	8/9	Solve Quadratic Inequalities
16	213	8/9	Finding the nth Term of a quadratic
17	213	8/9	Finding the nth Term of a quadratic
18	214	8/9	Inverse Functions
19	214	8/9	Inverse Functions
20	215	8/9	Composite Functions
21	215	8/9	Composite Functions
22	216	8/9	Velocity-Time Graphs
23	216	8/9	Velocity-Time Graphs
24	216	8/9	Velocity-Time Graphs
25			Revision
26			End of Unit Assessment
27			Assessment Review