Year 7 SOW Foundation

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Engaging maths	Number skills					Assessment and Review Week	Half term	Analysing and displaying data			Expressions and formulae

Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Expressions and formulae		Graphs	Assessment and Review Week	Christmas Holiday		Graphs	Decimals and measures				Assessment and Review Week

Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Angles and lines		Measures and shapes		Assessment and Review Week	Easter		Measures and shapes	Fractions, decimals and percentages		

Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47
Fractions, decimals and percentages	Assessment and Review Week	Half term	Transformations		End of year exam	Review of topics from the final exams in preparation for the next year.				End

Year 7 SOW Foundation/Higher

September						October		November			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Engaging maths	Number skills					Assessment and Review Week	Half term	Analysing and displaying data			Expressions, functions and formulae

	December					January				February	
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Expression, fucntions and formula		Decimal and meaures	Assessment and Review Week	Christmas Holiday		Decimals and measures		Fractions and percentages			Assessment and Review Week

February		March				April				May	
Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Probability		Ratio and proportion		Assessment and Review Week	Easter		Lines and angles			Sequences and graphs

	May		June				July				
Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	
Sequences and graphs	Assessment and Review Week	Half term	Transformations		End of year exam	Review of topics from the final exams in preparation for the next year.				End	

Year 7 SOW Higher

September				October		November					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Engaging maths	Number skills					Assessment and Review Week	Half term	Displaying and analysing data			Equations, functions and formula

	December					January			February		
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Equations, functions and formula		Fractions	Assessment and Review	Christmas Holiday		Fractions		Angles and shapes		Decimals and percentag	Assessment and Review

February	March					April				May	
Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Decimals and percentages		Equations		Assessment and Review Week	Easter		Ratio and proportion			Perimeter area and volume

May		June				July				
Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47
Perimeter area and volume	Assessment and Review Week	Half term	Perimeter area and volume	Sequences and graphs		End of year exam	Review of topics			End

Year 8 Foundation

September			October			November					
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number and ratio			3D shapes and measures			Assessment and Review Week	Half term	Statistics			Expressions and equations

	December					January				February	
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Expressions and equations			Assessment and Review Week	Christmas Holiday		Decimal Calculations			Angles		Assessment and Review Week

February	March					April				May	
Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Angles	Factors, multiples and primes			Assessment and Review Week	Easter		Sequences		Fractions and percentages	

May		June				July				
Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47
Fractions and percenta	Assessment and Review Week	Half term	Probability			End of year exam	Recap on transformations and area			End

Year 8 Foundation/Higher

September			October				November				
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number			Area and volume			Assessment and Review Week	Half term	Statistics, graphs and charts			

December			January				February				
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Expressions and equations			Assessment and Review Week	Christmas Holiday		Real life graphs		Decimals and ratios			Assessment and Review Week

February	March					April				May	
Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Lines and angles			Fractions	Assessment and Review Week	Easter		Fractions		Linear graphs	

May			June				July			
Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47
Linear graphs	Assessment and Review Week	Half term	Fractions percentages and decimals			End of year exam	Recap transformations and probability			End

Year 8 Higher

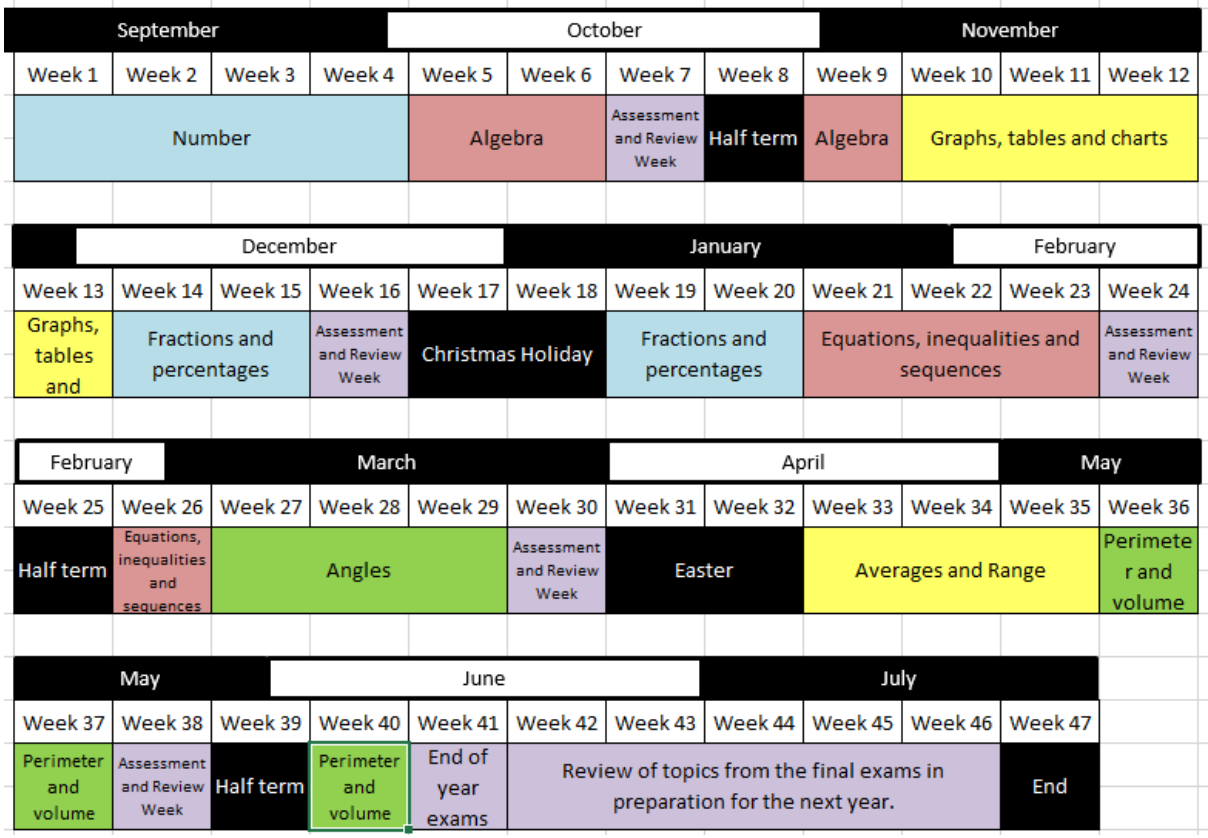
September			October				November				
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Factors and powers			Index notation			Assessment and Review Week	Half term	2D and 3D shape			

December			January				February				
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Real life graphs			Assessment and Review Week	Christmas Holiday		Transformations			Fractions decimals and percentages		Assessment and Review Week

February	March					April				May	
Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Linear graphs				Assessment and Review Week	Easter		Probability			Scale drawing and

May			June				July			
Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47
Scale drawing and	Assessment and Review Week	Half term	Construction and loci			End of year exam	Recap transformations and probability			End

Year 9 Foundation



September				October				November			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Number				Algebra		Assessment and Review Week	Half term	Algebra	Graphs, tables and charts		

	December					January			February		
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24
Graphs, tables and	Fractions and percentages		Assessment and Review Week	Christmas Holiday		Fractions and percentages		Equations, inequalities and sequences			Assessment and Review Week

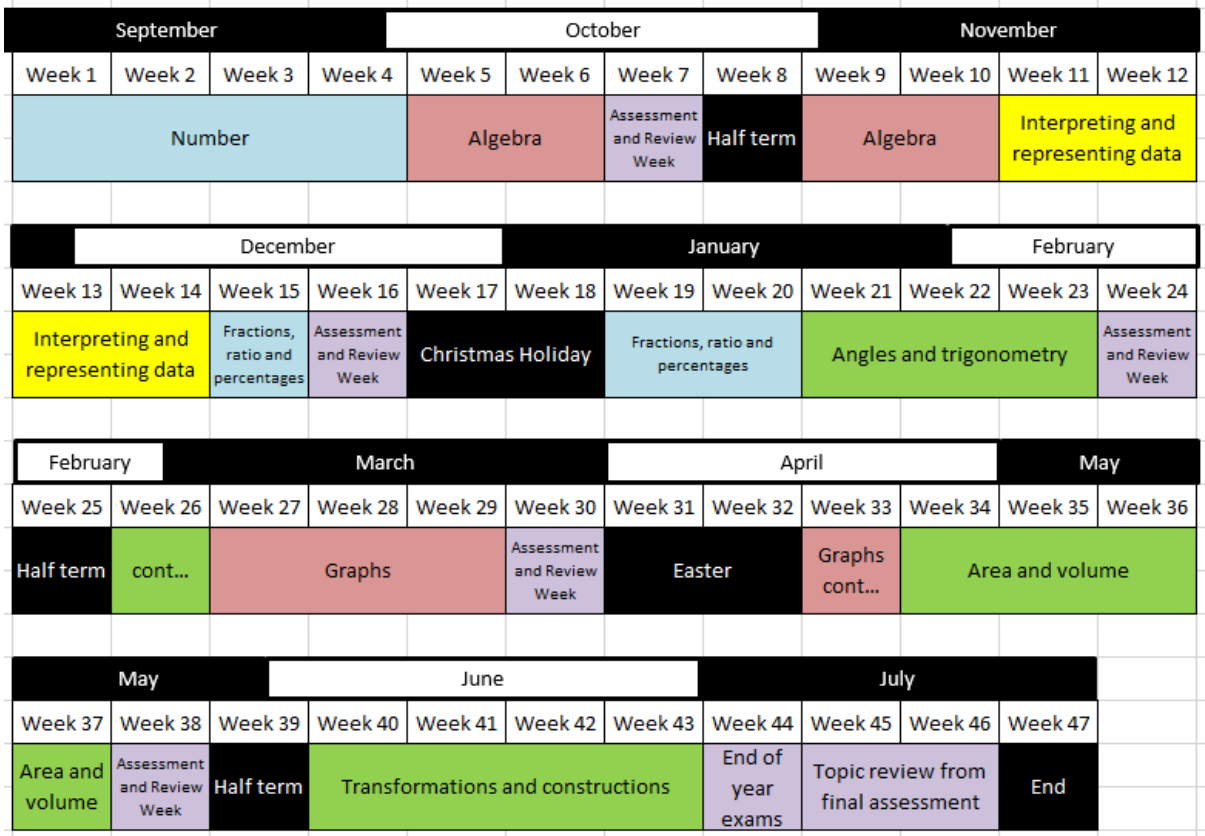
February		March				April				May	
Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36
Half term	Equations, inequalities and sequences	Angles			Assessment and Review Week	Easter		Averages and Range			Perimeter and volume

May			June				July			
Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47
Perimeter and volume	Assessment and Review Week	Half term	Perimeter and volume	End of year exams	Review of topics from the final exams in preparation for the next year.					End

1 Number
1.1 Calculations
1.2 Decimal numbers
1.3 Place value
1.4 Factors and multiples
1.5 Squares, cubes and roots
1.6 Index notation
1.7 Prime factors
2 Algebra
2.1 Algebraic expressions
2.2 Simplifying expressions
2.3 Substitution
2.4 Formulae
2.5 Expanding brackets
2.6 Factorising
2.7 Using expressions and formulae
3 Graphs, tables and charts
3.1 Frequency tables
3.2 Two-way tables
3.3 Representing data

3.4 Time series
3.5 Stem and leaf diagrams
3.6 Pie charts
3.7 Scatter graphs
3.8 Line of best fit
4 Fractions and percentages
4.1 Working with fractions
4.2 Operations with fractions
4.3 Multiplying fractions
4.4 Dividing fractions
4.5 Fractions and decimals
4.6 Fractions and percentages
4.7 Calculating percentages 1
4.8 Calculating percentages 2
5 Equations, inequalities and sequences
5.1 Solving equations 1
5.2 Solving equations 2
5.3 Solving equations with brackets
5.4 Introducing inequalities
5.5 More inequalities
5.6 More formulae
5.7 Generating sequences
5.8 Using the nth term of a sequence
6 Angles
6.1 Properties of shapes
6.2 Angles in parallel lines
6.3 Angles in triangles
6.4 Exterior and interior angles
6.5 More exterior and interior angles
6.6 Geometrical patterns
7 Averages and range
7.1 Mean and range
7.2 Mode, median and range
7.3 Types of average
7.4 Estimating the mean
7.5 Sampling
8 Perimeter, area and volume 1
8.1 Rectangles, parallelograms and triangles
8.2 Trapezia and changing units
8.3 Area of compound shapes
8.4 Surface area of 3D solids
8.5 Volume of prisms
8.6 More volume and surface area

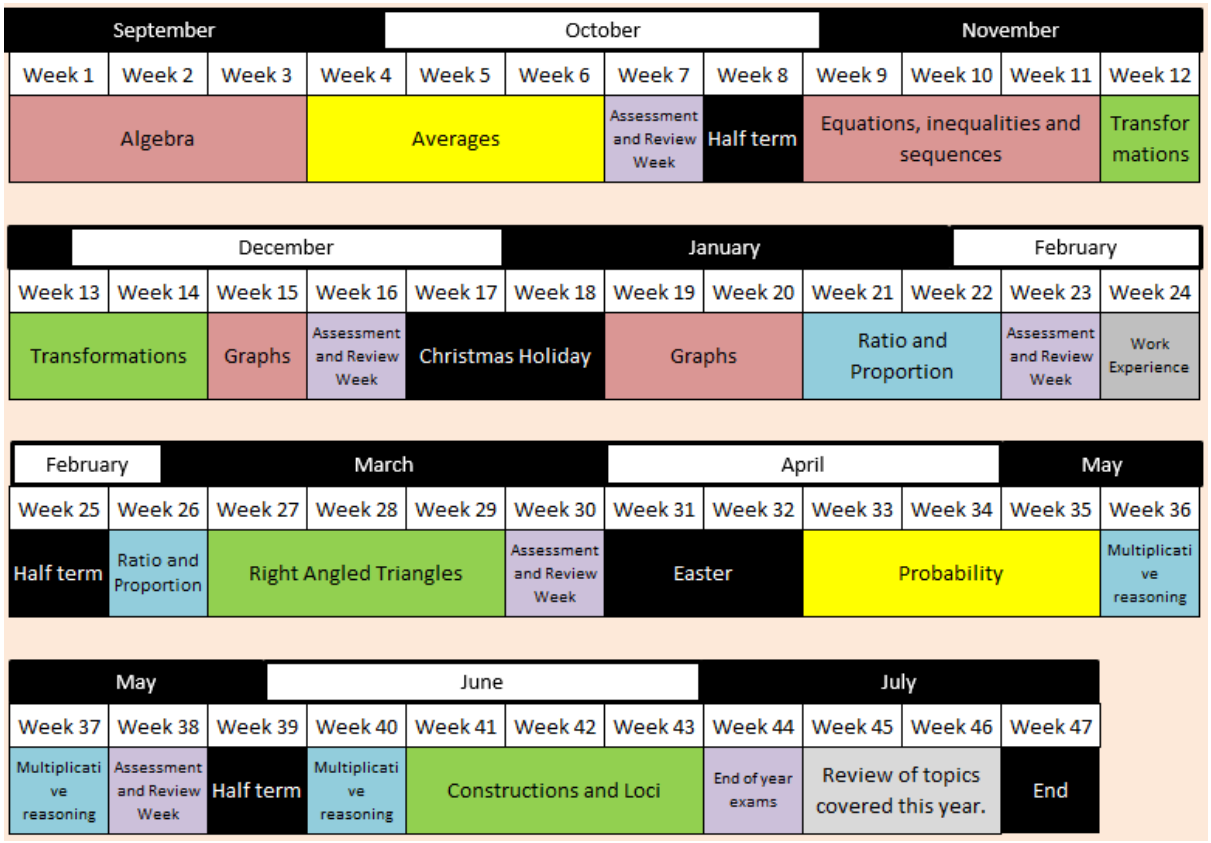
Year 9 Higher



1 Number
1.1 Number problems and reasoning
1.2 Place value and estimating
1.3 HCF and LCM
1.4 Calculating with powers (indices)
1.5 Zero, negative and fractional indices
1.6 Powers of 10 and standard form
1.7 Surds
2 Algebra
2.1 Algebraic indices
2.2 Expanding and factorising
2.3 Equations
2.4 Formulae
2.5 Linear sequences
2.6 Non-linear sequences
2.7 More expanding and factorising
3 Interpreting and representing data
3.1 Statistical diagrams 1
3.2 Time series
3.3 Scatter graphs
3.4 Line of best fit
3.5 Averages and range

3.6 Statistical diagrams 2
4 Fractions, ratio and percentages
4.1 Fractions
4.2 Ratios
4.3 Ratio and proportion
4.4 Percentages
4.5 Fractions, decimals and percentages
5 Angles and trigonometry
5.1 Angle properties of triangles and quadrilaterals
5.2 Interior angles of a polygon
5.3 Exterior angles of a polygon
5.4 Pythagoras' theorem 1
5.5 Pythagoras' theorem 2
5.6 Trigonometry 1
5.7 Trigonometry 2
6 Graphs
6.1 Linear graphs
6.2 More linear graphs
6.3 Graphing rates of change
6.4 Real-life graphs
6.5 Line segments
6.6 Quadratic graphs
6.7 Cubic and reciprocal graphs
6.8 More graphs
7 Area and volume
7.1 Perimeter and area
7.2 Units and accuracy
7.3 Prisms
7.4 Circles
7.5 Sectors of circles
7.6 Cylinders and spheres
7.7 Pyramids and cones
8 Transformations and constructions
8.1 3D solids
8.2 Reflection and rotation
8.3 Enlargement
8.4 Transformations and combinations of transformations
8.5 Bearings and scale drawings
8.6 Constructions 1
8.7 Constructions 2
8.8 Loci

Year 10 Foundation



Unit/section title
2 Algebra
2.1 Algebraic expressions
2.2 Simplifying expressions
2.3 Substitution
2.4 Formulae
2.5 Expanding brackets
2.6 Factorising
2.7 Using expressions and formulae
5 Equations, inequalities and sequences
5.1 Solving equations 1
5.2 Solving equations 2
5.3 Solving equations with brackets
5.4 Introducing inequalities

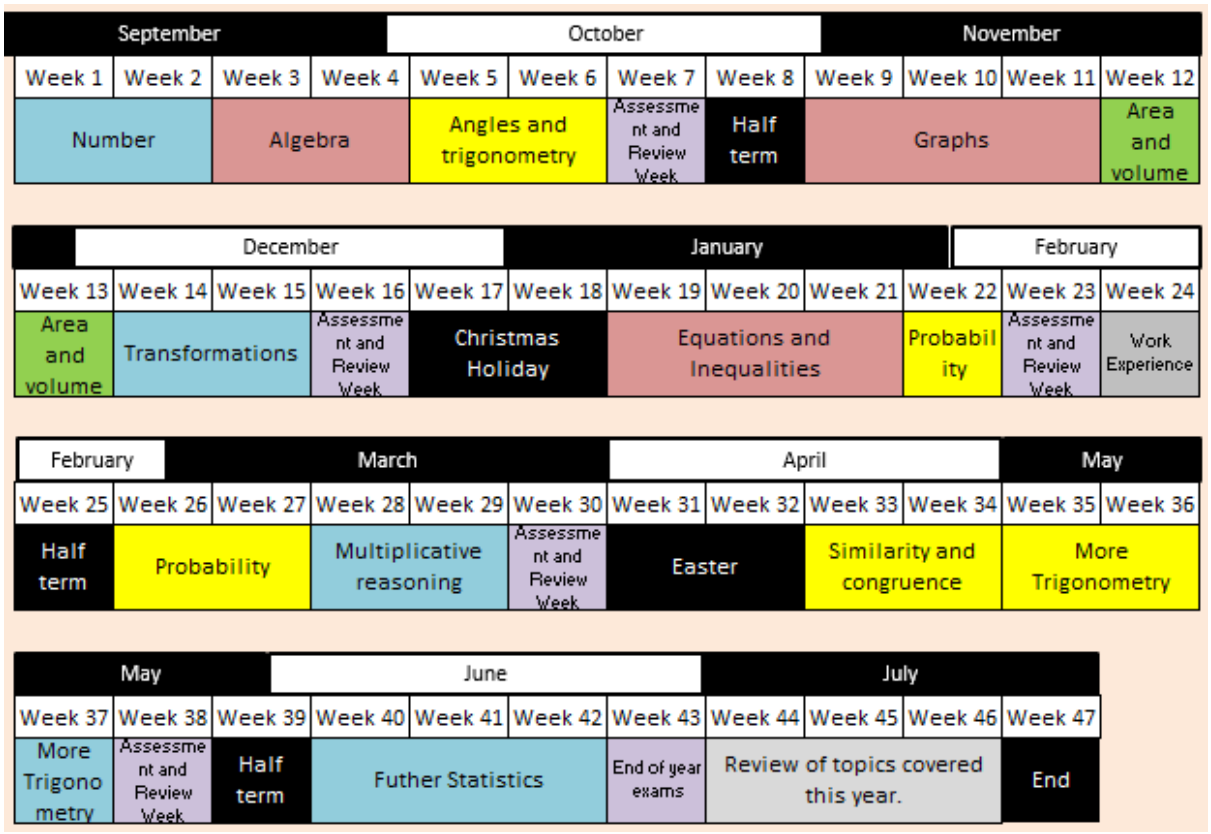
5.5 More inequalities
5.6 More formulae
5.7 Generating sequences
5.8 Using the *n*th term of a sequence
7 Averages and range
7.1 Mean and range
7.2 Mode, median and range
7.3 Types of average
7.4 Estimating the mean
7.5 Sampling
9 Graphs
9.1 Coordinates
9.2 Linear graphs
9.3 Gradient
9.4 $y = mx + c$
9.5 Real-life graphs
9.6 Distance-time graphs
9.7 More real-life graphs
10 Transformations
10.1 Translation
10.2 Reflection
10.3 Rotation
10.4 Enlargement
10.5 Describing enlargements
10.6 Combining transformations
11 Ratio and proportion
11.1 Writing ratios
11.2 Using ratios 1
11.3 Ratios and measures
11.4 Using ratios 2
11.5 Comparing using ratios
11.6 Using proportion
11.7 Proportion and graphs
11.8 Proportion problems

12 Right-angled triangles
12.1 Pythagoras' theorem 1
12.2 Pythagoras' theorem 2

12.3 Trigonometry: the sine ratio 1
12.4 Trigonometry: the sine ratio 2
12.5 Trigonometry: the cosine ratio
12.6 Trigonometry: the tangent ratio
12.7 Finding lengths and angles using trigonometry
13 Probability
13.1 Calculating probability
13.2 Two events
13.3 Experimental probability
13.4 Venn diagrams
13.5 Tree diagrams
13.6 More tree diagrams
14 Multiplicative reasoning
14.1 Percentages
14.2 Growth and decay
14.3 Compound measures
14.4 Distance, speed and time
14.5 Direct and inverse proportion

15 Constructions, loci and bearings
15.1 3D solids
15.2 Plans and elevations
15.3 Accurate drawings 1
15.4 Scale drawings and maps
15.5 Accurate drawings 2
15.6 Constructions
15.7 Loci and regions
15.8 Bearings

Year 10 Higher



Unit/section title
1 Number
1.4 Calculating with powers (indices)
1.5 Zero, negative and fractional indices
1.6 Powers of 10 and standard form
1.7 Surds
2 Algebra
2.1 Algebraic indices
2.2 Expanding and factorising
2.6 Non-linear sequences
2.7 More expanding and factorising

5 Angles and trigonometry
5.4 Pythagoras' theorem 1
5.5 Pythagoras' theorem 2
5.6 Trigonometry 1
5.7 Trigonometry 2

6 Graphs
6.1 Linear graphs
6.2 More linear graphs
6.3 Graphing rates of change
6.4 Real-life graphs
6.5 Line segments
6.6 Quadratic graphs
6.7 Cubic and reciprocal graphs
6.8 More graphs
7 Area and volume
7.2 Units and accuracy
7.3 Prisms
7.6 Cylinders and spheres
7.7 Pyramids and cones
8 Transformations and bearings
8.1 3D solids
8.2 Reflection and rotation
8.3 Enlargement
8.4 Transformations and combinations of transformations
8.5 Bearings and scale drawings
9 Equations and inequalities
9.1 Solving quadratic equations 1
9.2 Solving quadratic equations 2
9.3 Completing the square
9.4 Solving simple simultaneous equations
9.5 More simultaneous equations
9.6 Solving linear and quadratic simultaneous equations
9.7 Solving linear inequalities
10 Probability
10.1 Combined events
10.2 Mutually exclusive events
10.3 Experimental probability
10.4 Independent events and tree diagrams
10.5 Conditional probability
10.6 Venn diagrams and set notation
11 Multiplicative reasoning
11.1 Growth and decay
11.2 Compound measures
11.3 More compound measures
11.4 Ratio and proportion

12 Similarity and congruence
12.1 Congruence
12.2 Geometric proof and congruence
12.3 Similarity
12.4 More similarity
12.5 Similarity in 3D solids
13 More trigonometry
13.1 Accuracy
13.2 Graph of the sine function
13.3 Graph of the cosine function
13.4 The tangent function
13.5 Calculating areas and the sine rule
13.6 The cosine rule and 2D trigonometric problems
13.7 Solving problems in 3D
13.8 Transforming trigonometric graphs 1
13.9 Transforming trigonometric graphs 2
14 Further statistics
14.1 Sampling
14.2 Cumulative frequency
14.3 Box plots
14.4 Drawing histograms
14.5 Interpreting histograms
14.6 Comparing and describing populations