



Curriculum Map Years 7-9 2016-17

Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8
Autumn Term 1							
Induction Projects/ initial assessment for Year 7 (1 wk)							
Problem-solving task Autumn 1							
Number and Algebra 1 (4 wk)							
Properties of numbers (12 lessons)	Properties of numbers (12 lessons)	Properties of numbers (12 lessons)	Properties of numbers (12 lessons)	Powers and Roots (6 lessons)	Powers and Roots (6 lessons)	Powers and Roots (6 lessons)	Powers and Roots (6 lessons)
Patterns and Sequences (6 lessons)	Patterns and Sequences (6 lessons)	Patterns and Sequences (6 lessons)	Linear Sequences (6 lessons)	Sequences and Graphs (10 lessons)	Linear Functions and Graphs (10 lessons)	Linear Graphs and Inequalities (10 lessons)	Linear Graphs and Inequalities (10 lessons)
Geometry and Measures 1 (2 wk)							
Measures 1 (6 lessons)	Length, Perimeter and Area (6 lessons)	Area and Perimeter (6 lessons)	Measures and Mensuration (6 lessons)	Measures and Mensuration (8 lessons)	Measures and Mensuration (8 lessons)	Measures and Mensuration (8 lessons)	Measures and Mensuration (8 lessons)
Assessment Autumn 1							
Autumn Term 2							
Problem-solving task Autumn 2							
Statistics (1 wk)							
Adding and Subtracting (5 lessons)	Probability (4 lessons)	Probability (4 lessons)	Probability (4 lessons)	Probability (4 lessons)	Probability 1 (4 lessons)	Probability 1 (4 lessons)	Probability (4 lessons)
Number and Algebra 2 (2 wk)							
Adding and Subtracting (5 lessons)	Whole Numbers (7 lessons)	Whole Numbers (7 lessons)	Expressions and Formulae (7 lessons)	Equations and Formulae (7 lessons)	Expressions and Formulae (7 lessons)	Expressions and Formulae (7 lessons)	Expressions and Formulae (7 lessons)
Geometry and Measures 2 (2 wk)							
Angles and Symmetry (8 lessons)	Angles (7 lessons)	Angles (7 lessons)	Angles and Shapes 1 (7 lessons)	Angles (7 lessons)	Trigonometry 1 (7 lessons)	Trigonometry 1 (7 lessons)	Trigonometry (7 lessons)
Assessment Autumn 2							
Spring Term 1							
Problem-solving task Spring 1							
Number and Algebra 3 (2 wk)							
Mental Calculations (8)	Expressions and	Equations and Formulae	Equations and Formulae	Equations, Formulae and	Quadratic Functions and	Solving Equations (8)	Solving Equations (8)

lessons)	Equations (8 lessons)	(8 lessons)	(8 lessons)	graphs (8 lessons)	Graphs (8 lessons)	lessons)	lessons)
Number 1 (3 wk)							
Multiplying and Dividing (12 lessons)	Fractions, Decimals and Percentages (12 lessons)	Fractions and Percentages (12 lessons)	Fractions, Decimals and Percentages (12 lessons)	Proportional Reasoning (12 lessons)	Proportional Reasoning (12 lessons)	Proportional Reasoning (12 lessons)	Proportional Reasoning (12 lessons)
Assessment Spring 1							
Spring Term 2							
Problem-solving task Spring 2							
Statistics 2 (1 wk)							
Graphs and Charts 1 (4 lessons)	Graphs and Charts 1 (4 lessons)	Grouped Data and Simple Statistics (4 lessons)	Project (4 lessons)	Project (4 lessons)	Project (6 lessons)	Project (6 lessons)	Handling data (6 lessons)
Geometry and Measures 3 (2 wk)							
Properties of Shapes (8 lessons)	Properties of Shapes (8 lessons)	Properties of Shapes (8 lessons)	Angles and Shapes 2 (8 lessons)	2D and 3D Shapes (8 lessons)	Trigonometry 2 (8 lessons)	Trigonometry 2 (8 lessons)	Geometrical reasoning (8 lessons)
Number and Algebra 4 (2 wk)							
Graphs and Charts 2 (8 lessons)	Sequences, Functions and Graphs (8 lessons)	Functions and Graphs (8 lessons)	Functions and Graphs (8 lessons)	Functions and Graphs (8 lessons)	Probability 2 (4 lessons)	Probability 2 (4 lessons)	Transformations and similarity (6 lessons)
Assessment Spring 2							
Summer Term 1							
Problem-solving task Summer 1							
Geometry and Measures 4 (3 wk)							
Measures 2 (6 lessons)	Decimals and Measure (6 lessons)	Constructions (4 lessons)	Constructions (12 lessons)	Angles and Construction (12 lesson)	Geometrical Reasoning (12 lessons)	Geometrical Reasoning (12 lessons)	Decimals and Accuracy (10 lessons)
Measures 3 (6 lessons)	Measures (6 lessons)	Decimals (8 lessons)					
Number and Algebra 5 (2 wk)							
Fractions (4 lessons)	Decimals (8 lessons)	Percentages, Ratio and Proportion (8 lessons)	Proportional Reasoning (8 lessons)	Calculations and Calculators (8 lessons)	Decimals and Accuracy (8 lessons)	Decimals and Accuracy (8 lessons)	Functions and Graphs (10 lessons)
Money and Decimals (4 lessons)							
Assessment Summer 1							
Summer Term 2							
Problem-solving task Summer 2							
Geometry and Measures 5 (2 wk)							
Properties of Shapes 2 (4 lessons)	Symmetry and Reflection (8 lessons)	Transformations (8 lessons)	Transformations (8 lessons)	Transformations (8 lessons)	Transformations, constructions and loci (10 lessons)	Exploring Graphs (8 lessons)	Vectors (10 lessons)

Number and Measures (4 lessons)					lessons)		
Equations and fomulae (6 lessons)						Transformations and (optional) Vectors (6 lessons)	
Revision	Revision	Revision	Revision	Revision	Revision	Revision	Revision
End of Year Exams							
Projects/investigations							