

Half-term 1 (7 weeks) approx. 21 lessons	Half-term 2 (7 weeks) approx. 21 lessons	Half-term 3 (6 weeks) approx. 18 lessons
<p>Topic: Number</p> <p>Chapters: 1 Working with numbers (6) 8 Number (5) 12 Fractions and decimals (8) Revision (1) Half-Term Test (1)</p> <p>Total hours: 21</p> <p><u>Starters to focus on:</u> General year 7 revision</p>	<p>Topic: Algebra</p> <p>Chapters: 7 Graphs (6) 10 Algebra (7) 15 Equations and formulae (5) Revision (2) End of Term Test (1)</p> <p>Total hours: 21</p> <p><u>Starters to focus on:</u> Numbers, Fractions and decimals</p>	<p>Topic: Geometry</p> <p>Chapters: 2 Geometry (5) 5 Congruent shapes (5) 6 Surface area and volume of prisms (3) 14 Circles (3) Revision (1) Test (1)</p> <p>Total hours: 18</p> <p><u>Starters to focus on:</u> Algebra</p>

Half-term 4 (6 weeks) approx. 18 lessons	Half-term 5 (6 weeks) approx. 18 lessons	Half-term 6 (6 weeks) approx. 18 lessons
<p>Topic: Statistics and Probability</p> <p>Chapters: 3 Probability (3) 9 Interpreting data (5) 11 Shape and ratio (4) 16 Comparing data (4) Revision (1) Test (1)</p> <p>Total hours: 18</p> <p><u>Starters to focus on:</u> Geometry</p>	<p>Topic: Percentages and proportion</p> <p>Preparation for Junior Maths Challenge (3)</p> <p>Chapters: 4 Percentages (5) 13 Proportion (4) Revision lessons for end of term exams which are in the last two weeks of this half-term (5) Exam (1)</p> <p>Total hours: 18</p> <p><u>Starters to focus on:</u> Statistics and Probability</p>	<p>Topic: Feedback, Reteaching and Problem solving – to include tasks at the end of each chapter</p> <p>Feedback and Reteaching of core knowledge Problem Solving and Extension work</p> <p>Total hours: 18</p> <p><u>Starters to focus on:</u> General revision of this year's work</p>

Week	Lesson 1	Lesson 2	Lesson 3
Sept 1A	1.1 Multiplying and dividing negative numbers	1.2 Factors and highest common factors (HCF)	1.3 Multiples and lowest common multiples (LCM)
2B	1.2 1.4 Powers and roots	1.4 Powers and roots	1.5 Prime factors
3A	8.1 Powers of 10	8.2 Significant figures	8.3 Standard form with large numbers
4B	8.4 Multiplying with numbers in standard form	8.4 Multiplying with numbers in standard form	12.1 Fractions and decimals
Oct 5A	12.1 Fractions and decimals	12.2 Multiplying with fractions and integers	12.2 Multiplying with fractions and integers
6B	12.3 Dividing with integers and fractions	12.3 Dividing with integers and fractions	12.4 Multiplication with large and small numbers
7A Y8 Test	12.5 Division with large and small numbers	Revision	Test
Half Term			
Nov 8B	7.1 Graphs from linear equations	7.2 Gradient (steepness) of a straight line	7.3 Graphs from quadratic equations
9A	7.3 Graphs from quadratic equations	7.4 Real-life graphs	7.4 Real-life graphs
10B	10.1 Algebraic notation	10.2 Like terms	10.3 Expanding brackets
11A	10.4 Using algebraic expressions	10.4 Using algebraic expressions	10.5 Using index notation
Dec 12B	10.5 Using index notation	15.1 Equations with brackets	15.2 Equations with the variable on both sides
13A	15.3 More complex equations	15.3 More complex equations	15.4 Rearranging formulae

Week	Lesson 1	Lesson 2	Lesson 3
14B Y8 Exams	Revision	Revision	Test
End of Autumn Term			
Jan 15A	2.1 Parallel lines	2.2 The geometric properties of quadrilaterals	2.3 Translations
16B	2.4 Enlargements	2.5 Constructions	5.1 Congruent shapes
17A	5.2 Congruent triangles	5.2 Congruent triangles	5.3 Using congruent triangles to solve problems
18B	5.3 Using congruent triangles to solve problems	6.1 Metric units for area and volume	6.2 Surface area of prisms
13.3Feb 19A	6.3 Volume of prisms	14.1 The circumference of a circle	14.2 Formula for the circumference of a circle
20B Y8 Test	14.3 Formula for the area of a circle	Revision	Test
Half Term			
21A	3.1 Mutually exclusive outcomes and exhaustive outcomes	3.2 Using a sample space to calculate probabilities	3.3 Estimates probability
Mar 22B	9.1 Interpreting graphs and diagrams	9.2 Relative sized pie charts	9.3 Scatter graphs and correlation
23A	9.4 Creating scatter graphs	9.4 Creating scatter graphs	11.1 Ratio of lengths, areas and volumes
24B	11.2 Fractional enlargement	11.3 Map scales	11.3 Map scales
25A	16.1 Grouped frequency tables	16.2 Drawing different frequency diagrams	16.3 Comparing sets of data

Week	Lesson 1	Lesson 2	Lesson 3
Apr 26B Y8 Test	16.4 Misleading charts	Revision	Test
End of Spring Term			
27A	Preparation for Junior Challenge	Preparation for Junior Challenge	Preparation for Junior Challenge
28B	4.1 Calculating percentages	4.2 Calculating percentage increases and decreases	4.2 Calculating percentage increases and decreases
May 29A	4.3 Calculating a percentage change	4.3 Calculating a percentage change	13.1 Direct proportion
30B	13.2 Graphs and direct proportion	13.3 Inverse proportion	13.4 Comparing direct proportion and inverse proportion
31A Y8 Exams	Revision for end of year exams	Revision for end of year exams	Revision for end of year exams
32B Y8 Exams	Revision for end of year exams	Revision for end of year exams	Exam
Half Term			
June 33A	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge
34B	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge
35A	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge
July 36B	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge
37A	Problem solving and Extension	Problem solving and Extension	Problem solving and Extension

Textbook 2.3 for 8M1 & 8M5

Week	Lesson 1	Lesson 2	Lesson 3
38B	Problem solving and Extension	Problem solving and Extension	Problem solving and Extension
39A	Problem solving and Extension	Problem solving and Extension	Problem solving and Extension
End of Summer Term			