

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 Using numbers (3) 4 Decimal numbers (5) 5 Working with numbers (6) 8 Fractions (5) Revision lesson (1) Setting Test (1)</p> <p>Total hours: 21</p> <p><i>Week 1 Baseline Assessment</i> <i>Week 7 Test on Chapters 1, 4, 5, 8</i></p> <p><u>Starters to focus on:</u> Arithmetic</p>	<p>Topic: Algebra</p> <p>Chapters: 2 Sequences (4) Revision (using review questions at end of chapter and/or other resources (1) 7 Algebra (6) 10 Coordinates and graphs (5) 14 Equations (4) Test (1)</p> <p>Total hours: 21</p> <p><i>Week 11 Test on Chapters 1, 4, 5, 8, 2, 7</i></p> <p><u>Starters to focus on:</u> Directed numbers/Decimals/Fractions</p>	<p>Topic: Geometry</p> <p>Chapters: 3 Perimeter, Area & Volume (5) 9 Angles (5) 13 Symmetry (3) 16 3D Shapes (3) Revision (using review questions at end of chapter and/or other resources) (1) Test (1)</p> <p>Total hours: 18</p> <p><i>Week 20 Test on Chapters 10, 14, 3, 9, 13, 16</i></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: 6 Statistics (8) 12 Probability (4) 15 Interpreting data (4) Revision (1) Test (1)</p> <p><i>Week 27 Test on Chapters 6, 12, 15</i></p> <p>Total hours: 18</p> <p><u>Starters to focus on:</u> Geometry</p>	<p>Topic: Percentages and revision for end of year exam in week 32B and 33A</p> <p>Chapters: Revision of fractions and decimals (3) 11 Percentages (6) Revision lessons for end of term exams which are in the last two weeks of this half-term (5) Exam (1) Chapter 17 (3)</p> <p>Total hours : 18</p> <p><u>Starters to focus on:</u> Statistics and Probability (for two weeks) then on general revision</p>	<p>Topic: Ratio & problem Solving (*and completing stand-alone bits from chapters not covered already)</p> <p>Chapters: 17 Ratio (3) 1.1 Timetables, charts and money (1) 2.4 Other sequences (1) 10.6 Graphs from real world (1) 13.4 Tessellations (1) Problem solving (11) (using activities at the end of each chapter or other problem solving activities)</p> <p>Total hours: 18</p> <p><u>Starters to focus on:</u> General revision</p>

Notes: *Stand alone topics will be addressed in the last half-term i.e. 1.1, 2.3, 13.4

Week	Lesson 1	Lesson 2	Lesson 3
Sept 1A	*1.2 Positive and negative numbers	1.3 Adding negative numbers	1.4 Subtracting negative numbers
2B	4.1 Multiplying and dividing by 10, 100, 1000	4.2 Ordering decimals	4.3 Estimates
3A	4.4 Adding and subtracting decimals	4.5 Multiplying and dividing decimals	5.1 Square numbers and square roots
4B	5.2 Rounding	5.3 Order of operations	5.4 Long and short multiplication
Oct 5A	5.5 Long and short division	5.6 Calculations with measurements	8.1 Equivalent fractions
6B	8.2 Comparing fractions	8.3 Adding and subtracting fractions	8.4 Mixed numbers and improper fractions
7A Y7 Test	8.5 Adding and subtracting mixed numbers	Revision of this half-term's work	Lesson allowed to give time for initial setting test
Half Term			
Nov 8B	2.1 Function machines	2.2 Sequences and rules	2.2 Sequences and rules
9A	2.3 Working out missing terms *	7.1 Expressions and substitution	7.2 Simplifying expressions
10B	7.3 Using formulae	7.3 Using formulae	7.4 Writing formulae
11A Y7 Exams	7.4 Writing formulae	Revision for test	Exam on chapters 1, 4, 5, 8, 2, 7

Week	Lesson 1	Lesson 2	Lesson 3
Dec 12B	10.1 Coordinates	10.2 Graphs from relationships	10.3 Graphs for fixed values of x and y
13A	10.4 Graphs of the form $y = ax$	10.5 Graphs of the form $x + y = a$	14.1 Finding Unknown numbers
14B	14.2 Solving equations	14.3 Solving more complex equations	14.4 Setting up and solving equations
End of Autumn Term			
Jan 15A	3.1 Perimeter and area	3.2 Perimeter and area of rectangles	3.3 Perimeter and area of compound shapes
16B	3.4 Volume of cubes and cuboids	3.4 Volume of cubes and cuboids	9.1 Measuring and Drawing angles
17A	9.2 Calculating angles	9.3 Angles in a triangle	9.4 Angles in a quadrilateral
18B	9.5 Properties of triangles and quadrilaterals	13.1 Line Symmetry	13.2 Rotational symmetry
Feb 19A	13.3 Reflections*	16.1 Naming & drawing 3D Shapes	16.2 Construct 3D Shapes
20B Y7 Test	16.3 3D Investigations	Revision for test	Half-term test - chapters 3, 9, 13, 16
Half Term			
21A	6.1 Mode, Median, Range	6.2 The mean	6.3 Statistical diagrams
Mar 22B	6.4 Collecting and using data	6.5 Grouped frequency	6.5 Grouped frequency
23A	6.6 Data collection	6.6 Data collection	12.1 Probability words
24B	12.2 Probability scales	12.3 Experimental Probability	12.3 Experimental Probability
25A	15.1 Pie charts	15.2 Comparing mean and range	15.3 Statistical surveys
Apr 26B Y7 Test	15.3 Statistical surveys	Revision	Test - chapters 6, 12, 15
End of Spring Term			

Week	Lesson 1	Lesson 2	Lesson 3
27A	Revision of Fraction and decimal work	Revision of fraction and decimal work	Revision of fraction and decimal work
28B	11.1 Fractions, decimals and percentages	11.2 Fractions of a quantity	11.3 Percentages of a quantity
May 29A	11.4 Percentages with a calculator	11.5 Percentage increases and decreases	11.5 Percentage increases and decreases
30B	Revision	Revision	Revision
31A Y7 Exams	Revision	Revision	Exam
32B	17.1 Introduction to ratios	17.2 Simplifying ratios	17.3 Ratios and sharing
Half Term			
June 33A	17.4 Solving Problems	Ratio problem solving	Ratio problem solving
34B	1.1 Timetables, charts and money	2.4 Other sequences	13.4 Tessellations
35A	10.6 Graphs from the real world	Problem solving – end of chapter	Problem solving – end of chapter
July 36B	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge
37A	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge	Feedback and Reteaching core knowledge
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			