Textbook 1.1 for 7M3, 7M4, 7M7, 7M8

Half-term 1 (7 weeks) approx. 21 lessons	Half-term 2 (7 weeks) approx. 21 lessons	Half-term 3 (6 weeks) approx. 18 lessons
Topic: **Number** Chapters: 1 Using numbers (3) 4 Decimal numbers (5) 5 Working with numbers (6) 8 Fractions (5) Setting Test (1) Test (1) Total hours: 21 *Week 1 Baseline Assessment* *Week 7 Test on Chapters 1, 4, 5, 8 (1 hour)* Starters to focus on: General arithmetic	Topic: **Algebra** Chapters: 2 Sequences (6) Revision (using review questions at end of chapter and/or other resources (1) 7 Algebra(6) 10 Coordinates and graphs (3) 14 Equations (4) Total hours: 21 *Week 11 Test on chapters 1, 4, 5, 8, 2, 7 (1 hour)* Starters to focus on: Directed numbers/Decimals/Fractions	Topic: **Geometry** Chapters: 3 Perimeter, Area & Volume (3) 9 Angles (6) 13 Symmetry (3) 16 3D Shapes (4) Revision (1) Test (1) Total hours: 18 *Week 20 Test on chapters 10, 14, 3, 9, 13, 16 (1 hour)* Starters to focus on: Algebra

Half-term 1 (7 weeks) approx. 21 lessons	Half-term 2 (7 weeks) approx. 21 lessons	Half-term 3 (6 weeks) approx. 18 lessons
Topic: **Statistics and Probability**	Topic: **Percentages and revision** for end of year exam in week 32B and 33A	Topic: **Ratio & problem Solving** (and completing stand-alone bits from chapters not covered)
Chapters: 6 Statistics (8) 12 Probability (4) 15 Interpreting data (4) Revision (1) Test (1) *Week 26 Test on chapters 6, 12, 15 (1 hour)* Total hours: 18 <u>Starters to focus on:</u> Geometry	Chapters: Revision - fractions and decimals (3) 11 Percentages (6) Revision lessons for end of term exams (5) Exam (1) Chapter 17 (3) Total hours : 18 <u>Starters to focus on:</u> Statistics and Probability	Chapters: 17 Ratio (3) 10.4 Graphs from the real world (1) 13.4 Tessellations (1) 1.1 The calendar (1) 1.2 12 and 24 hour clocks (1) 1.3 Managing money (1) Problem solving (10) Total hours: 18 <u>Starters to focus on:</u> General revision

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Notes: *Topics will be addressed in the last half-term i.e. 1.1, 1.2, 1.3, 10.4, 13.4

Week	Lesson 1	Lesson 2	Lesson 3
Sept 1A	*1.4 Positive and negative numbers	1.5 Adding negative numbers	Assessment
2B	1.6 Subtracting negative numbers	4.1 Multiplying and dividing by 10, 100, 1000	4.2 Ordering decimals
3A	4.3 Estimates	4.4 Adding and subtracting decimals	4.5 Multiplying and dividing decimals
4B	5.1 Square numbers	5.2 Rounding	5.3 Order of operations
Oct 5A	5.4 Long and short multiplication	5.5 Long and short division	5.6 Calculations with measurements
6B	8.1 Equivalent fractions	8.2 Comparing fractions	8.3 Adding & subtracting fractions
7A Y7 Test	8.4 Mixed numbers and improper fractions	8.5 Calculations with mixed numbers	Test on chapters 1, 4, 5, 8
Half Term			
Nov 8B	2.1 Function machines	2.2 Sequences and rules	2.2 Sequences and rules
9A	2.3 Finding terms in patterns	2.4 The square numbers	2.5 The triangular numbers
10B	7.1 Expressions and substitution	7.2 Simplifying expressions	7.2 Simplifying expressions
11A Y7 Exams	7.3 Using formulae	Revision for test	Exam on chapters 1, 4, 5, 8, 2, 7
Dec 12B	7.3 Using formulae	7.4 Writing formulae	10.1 Coordinates
13A	10.2 From mapping to graphs	10.3* Naming graphs	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			

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Week	Lesson 1	Lesson 2	Lesson 3
Jan 15A	3.1 Length and perimeter	3.2 Area	3.3 Perimeter and area of rectangles
16B	9.1 Using the compass to give directions	9.2 Measuring angles	9.3 Drawing angles
17A	9.4 Calculating angles	9.5 Properties of triangles and quadrilaterals	9.5 Properties of triangles and quadrilaterals
18B	13.1 Line symmetry	13.2 Rotational symmetry	13.3* Reflections
Feb 19A	16.1 3D Shapes and nets	16.2 Using nets to construct 3D shapes	16.3 3D Investigations
20B Y7 Test	16.3 3D Investigations	Revision for test	Test on chapters 10, 14, 3, 9, 13, 16
Half Term			
21A	6.1 Mode, median and range	6.2 Reading data from tables and charts	6.3 Using a tally chart
Mar 22B	6.4 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 Y7 AP2	15.1 Pie charts	15.2 Comparing data by median and range	15.3 Statistical surveys
Apr 26B Y7 Test	15.3 Statistical surveys	Revision	Test on chapters 6, 12, 15
End of Spring Term			
27A	Revision of Fraction and decimal work	Revision of fraction and decimal work	Revision of fraction and decimal work

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Week	Lesson 1	Lesson 2	Lesson 3
28B	11.1 Fractions 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 Ratios and fractions	Ratio problem solving	Ratio problem solving
34B	10.4 Graphs from the real world	13.4 Tessellations	1.1 The calendar
35A	1.2 The 12-hour and 24-hour clocks	1.3 Managing money	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			