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 (4) 4 Decimal numbers (4) 5 Working with numbers (6) 8 Fractions (5) Revision (1) Setting Test (1) Total hours: 21 *Week 1 Baseline Assessment* *Week 7 Test on chapters 1, 4, 5, 8 (1 hour)* Starters to focus on: Arithmetic	Topic: **Algebra** Chapters: 2 Sequences (4) Revision (using review questions at end of chapter and/or other resources (1) 7 Algebra(6) 10 Coordinates and graphs (4) 14 Equations (5) Test (1) Total hours: 21 *Week 11 Test/AP1 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 (5) 9 Angles (5) 13 Symmetry (3) 16 3D Shapes (3) Revision (1) Test (1) Total hours: 18 *Week 20 Test/AP1 on chapters 10, 14, 3, 9, 13, 16 (1 hour)* Starters to focus on: Algebra

Half-term 4 (6 weeks) approx. 18 lessons	Half-term 5 (6 weeks) approx. 18 lessons	Half-term 6 (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 already)
Chapters:	Chapters:	Chapters:
6 Statistics (8)	Preparation for Junior Maths	17 Ratio (3)
12 Probability (4)	Challenge (3)	1.1 Charts and financial maths (1)
15 Interpreting data (4)	11 Percentages (6)	2.5 Other sequences (1)
Revision (1)	Revision lessons for end of term	10.5 Graphs from real world (1)
Test (1)	exams which are in the last two	13.4 Tessellations (1)
	weeks of this half-term (5)	Problem solving (11)
Week 26 Test on Chapters 6, 12, 15	End of year exam (1)	
	17 Ratio (3)	
Total hours: 18	Total hours: 18	Total hours: 18
Starters to focus on:	Starters to focus on:	Starters to focus on:
Geometry	Statistics and Probability	General revision

Notes: *Topics will be addressed in the last half-term i.e. 1.1, 2.5 13.4, 10.6, 16.3

Week	Lesson 1	Lesson 2	Lesson 3
Sept 1A	*1.2 Positive and negative numbers	1.3 Simple arithmetic with negative numbers	1.4 Subtracting negative numbers
2B	1.5 Multiplying negative numbers	4.1 Multiplying and dividing by 10, 100, 1000 and 10 000 4.2 Ordering decimals	4.3 Estimates 4.4 Adding and subtracting decimals
3A	4.5 Multiplying decimals	4.6 Dividing decimals	5.1 Square numbers and square roots
4B	5.2 Rounding	5.3 Order of operations	5.4 Multiplication problems without a calculator
Oct 5A	5.5 Division problems without a calculator	5.6 Calculations with measurements	8.1 Equivalent fractions 8.2 Comparing fractions
6B	8.3 Adding and subtracting fractions	8.4 Mixed numbers and improper fractions	8.5 Calculations with mixed numbers
7A Y7 Tests	Revision of this half-term's work	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	2.3 Sequences and rules
9A	2.4 Working with nth term*	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
Dec 12B	10.1 Coordinates in four quadrants	10.2 Graphs from relationships	10.3 Predicting graphs from relationships

Week	Lesson 1	Lesson 2	Lesson 3
13A	10.4 Graphs of fixed values of x and y, y=x and y= -x	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 of rectangles	3.2 Perimeter and area of compound shapes	3.3 Areas of some other 2D shapes
16B	3.4 Surface area and volume of cubes and cuboids	3.4 Surface area and volume of cubes and cuboids	9.1 Measuring and drawing angles
17A	9.2 Calculating angles	9.3 Corresponding and alternate angles	9.4 Angles in a triangle
18B	9.5 Angles in a quadrilateral	9.6 Properties of triangles and quadrilaterals	13.1 Line symmetry and rotational symmetry
Feb 19A	13.2 Reflections	13.3* Rotations	16.1 Naming and Drawing 3D Shapes
20B Y7 Tests	16.2 Using nets to construct 3D shapes	Revision for test	Half-term test - chapters 10, 14, 3, 9, 13, 16
Half Term			
21A	6.1 Mode, median and range	6.2 The mean	6.3 Statistical Diagrams
Mar 22B	6.4 Collecting and using discrete data	6.5 Collecting and using continuous data	6.5 Collecting and using continuous data
23A	6.6 Data collection	6.6 Data collection	12.1 Probability scales
24B	12.2 Combined events	12.3 Experimental probability	12.3 Experimental probability
25A	15.1 Pie charts	15.2 Comparing range and averages of data	15.3 Statistical surveys

Textbook 1.3 for 7M1, 7M5

Week	Lesson 1	Lesson 2	Lesson 3
Apr 26B Y7 Tests	15.3 Statistical surveys	Revision	Test - chapters 6, 12, 15
End of Spring Term			
27A	Preparation for Junior Challenge	Preparation for Junior Challenge	Preparation for Junior Challenge
28B	11.1 Fractions, decimals and percentages	11.2 Fractions of a quantity	11.3 Calculating simple percentages
May 29A	11.4 Percentages with a calculator	11.5 Percentage increases	11.5 Percentage decreases
30B Y7 Exam	Revision	Revision	Revision
31A Y7 Exam	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 Charts and financial maths	2.5 Other sequences	13.4 Tessellations
35A	10.6 Graphs from the real world	16.3 3D Investigations	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			