

Term 1

Unit 1 1.1 Maths is everywhere
1.2 Place value to hundred thousands
1.3 Addition

Unit 2 2.1 Subtraction
2.2 Odd and even numbers
2.3 Properties of odd and even numbers
2.4 PS strategy: Finding smaller parts of a larger problem

Unit 3 3.1 Place value and expanded notation
3.2 Multiplication facts 2, 3, 5, 10
3.3 Multiplication facts 4, 6, 8, 9
3.4 PS strategy: Making an organised list

Unit 4 4.1 Multiples using algorithms
4.2 Collecting and organising data
4.3 Multiplication using the area model
4.4 Revision: Units 1–4

Unit 5 Investigation: Time of my life

Unit 6 6.1 Solving problems with bar models
6.2 Calculating with money
6.3 Budgets
6.4 PS strategy: Drawing a picture or diagram
6.5 Assessment

Unit 7 7.1 Reading graduated scales
7.2 Measuring with litres and millilitres
7.3 Converting litres and millilitres
7.4 PS strategy: Working backwards

Unit 8 8.1 Measuring with kilograms and grams
8.2 Rounding to ten thousands
8.3 Multiplication using the area model
8.4 Revision: Units 6–8

Unit 9 Investigation: Plenty of pikelets

Term 2

Unit 10 10.1 Factors
10.2 Line symmetry
10.3 Symmetrical patterns
10.4 PS strategy: Making a table or chart

Unit 11 11.1 Place value to tenths
11.2 Tenths on a number line
11.3 Measuring perimeter
11.4 PS strategy: Acting out the problem

Unit 12 12.1 Calculating perimeter
12.2 Area
12.3 Area of irregular shapes
12.4 Revision: Units 10–12

Unit 13 Investigation: It's only natural

Unit 14 14.1 Describing possible outcomes
14.2 Dependent and independent events
14.3 Combining objects
14.4 Assessment

Unit 15 15.1 Equivalent number sentences
15.2 Addition
15.3 Subtraction
15.4 PS strategy: Guessing and checking

Unit 16 16.1 Picture graphs
16.2 Multiplying and dividing by 10, 100, 1000
16.3 Rounding using a target digit strategy
16.4 PS strategy: Solving a simpler problem

Unit 17 17.1 Estimation strategies
17.2 Grid references
17.3 Maps, pathways and directions
17.4 Revision: Units 14–17

Unit 18 Investigation: Heritage hunt

Term 3

Unit 19 19.1 Addition
19.2 Subtraction
19.3 Column graphs
19.4 PS strategy: Finding a pattern or using a rule

Unit 20 20.1 Picture graphs
20.2 Comparing graphs
20.3 Fractions on a number line
20.4 Problem-solving practice

Unit 21 21.1 Equivalent fractions
21.2 Angles
21.3 Tessellation
21.4 Revision: Units 19–21

Unit 22 Investigation: Ripper rides

Unit 23 23.1 Turnarounds and friendly pairs
23.2 Algorithms
23.3 Fractions as division
23.4 Assessment

Unit 24 24.1 Predicting possible outcomes
24.2 Place value to hundredths
24.3 Hundredths on a number line
24.4 Problem-solving practice

Unit 25 25.1 Division facts 2, 3, 5, 10
25.2 Division facts 4, 6, 8, 9
25.3 Division
25.4 Problem-solving practice

Unit 26 26.1 Place value and expanded notation
26.2 Multiplication
26.3 Inverse operations
26.4 Revision: Units 23–26

Unit 27 Investigation: Super sports stadium

Term 4

Unit 28 28.1 Addition and subtraction
28.2 Division
28.3 Mixed numerals
28.4 Problem-solving practice

Unit 29 29.1 Mixed numerals and improper fractions
29.2 Measuring with millimetres
29.3 Millimetres, centimetres and metres
29.4 Problem-solving practice

Unit 30 30.1 Quadrilaterals
30.2 Combining shapes
30.3 Converting units of time
30.4 Revision: Units 28–30

Unit 31 Investigation: Double trouble

Unit 32 32.1 Time (am and pm)
32.2 Reading and interpreting timetables
32.3 Time to the nearest minute
32.4 Assessment

Unit 33 Investigation: Movie marathon

Unit 34 Maths puzzles and games

Extra investigations

Investigation: Lengthy leaps

Investigation: Fraction fun

Investigation: Puzzling perimeters

Investigation: Angle art