

Year 4 Program Content First Half

Unit	Unit Title and Lesson Titles
1	Working with Numbers to 10 000 <ul style="list-style-type: none"> Working with Numbers in Context Writing Four-Digit Numbers Locating Numbers on a Number Line Comparing and Ordering Four-Digit Numbers Working with Place Value
2	Extending Mental and Written Addition Strategies <ul style="list-style-type: none"> Recording Steps for Mental Addition Recording Steps on a Number Line Rounding and Adjusting Dollar-and-Cent Amounts to Add Using Compatible Pairs to Add Whole Numbers Writing Equivalent Number Sentences
3	Working with Measurement Scales <ul style="list-style-type: none"> Reading Lengths on a Scale Reading Temperatures on a Scale Reading Kilograms on Scale Reading Litres on a Scale Solving Problems Involving Capacity
4	Exploring Numbers Beyond 10 000 <ul style="list-style-type: none"> Reading and Writing Four-Digit Numbers Reading and Writing Four-Digit Numbers Writing Four-Digit Numbers in Words Establishing the Relative Position of Numbers to 10 000 Analysing Five-Digit Numbers
5	Investigating the Remaining Multiplication Facts <ul style="list-style-type: none"> Multiplying by 1 Multiplying by 0 Building Down to Multiply by 9 Building Up to Multiply by 6 Dealing with the Last Facts
6	Solving Problems Involving Money <ul style="list-style-type: none"> Trading Coins for Equivalent Values Reading and Recording Dollars and Cents Exploring Note and Coin Combinations Working with Money Problems Calculating Change
7	Exploring 2D Shapes and 3D Objects <ul style="list-style-type: none"> Naming Polygons Combining 2D Shapes Splitting 2D Shapes Naming Prisms and Pyramids Working with 3D Objects
8	Connecting Multiplication and Division <ul style="list-style-type: none"> Writing Fact Families – Fours and Eights Writing Fact Families – Sixes and Nines Relating Multiplication and Division Matching Related Facts Reinforcing the ‘Think Multiplication’ Strategy

Unit	Unit Title and Lesson Titles
9	Working with Numbers to 100 000 <ul style="list-style-type: none"> Reading and Writing Five-Digit Numbers Reading and Writing Five-Digit Numbers Locating Five-Digit Numbers on a Number Line Comparing and Ordering Five-Digit Numbers Sequencing Five-Digit Numbers
10	Working with Fractions <ul style="list-style-type: none"> Reviewing Common Fractions Comparing Common Fractions Relating and Comparing Unit Fractions Counting with Fractions Relating Improper Fractions and Mixed Numerals
11	Investigating Perimeter, Area and Volume <ul style="list-style-type: none"> Investigating the Perimeter of Regular Polygons Calculating Area Using Grid Paper Creating Shapes of Equivalent Area Exploring the Area of Irregular Shapes Calculating Volume Using Centimetre Cubes
12	Representing Tenths as Decimal Fractions <ul style="list-style-type: none"> Relating Common and Decimal Fractions Writing Tenths in Words and Numerals Relating Words and Numerals Locating Tenths on a Number Line Adding Tenths
13	Working with Angles <ul style="list-style-type: none"> Measuring Angles with Informal Units Exploring Right Angles Identifying and Comparing Angles Identifying Angles Inside Triangles Working with Perpendicular Lines
14	Collecting, Representing and Interpreting Data <ul style="list-style-type: none"> Introducing the Census Survey Interpreting and Constructing Horizontal Bar Graphs Comparing Many-to-One Picture Graphs Interpreting and Constructing a Simple Table Interpreting a Two-Way Table
15	Exploring Chance and Conducting Probability Experiments <ul style="list-style-type: none"> Describing the Likelihood of Everyday Events Identifying Dependent or Independent Events Listing Possible Outcomes – No Repeated Steps Listing Outcomes – Repeated Steps Conducting Probability Experiments

Year 4 Program Content Second Half

Unit	Unit Title and Lesson Titles
16	Extending Mental Subtraction Strategies <ul style="list-style-type: none"> Using Multiple Strategies to Subtract Recording Steps for Mental Subtraction Counting On to Subtract Mentally Subtracting Tenths Subtracting Dollar-and-Cent Amounts
17	Working with Multiples and Multiplication <ul style="list-style-type: none"> Investigating Patterns Involving Multiples Building Up or Down from a Known Fact Multiplying with Three Factors Exploring Methods to Find Factors Exploring Methods to Find Multiples
18	Working With Time <ul style="list-style-type: none"> Reading Times Past and To the Hour Reading Time in a Variety of Ways Converting Units of Time – Minutes and Hours Introducing a.m. and p.m. Notation Solving Problems Involving Time
19	Using Mental and Written Strategies to Multiply <ul style="list-style-type: none"> Using Factors to Multiply Extending the Double-and-Halving Strategy Using Place Value to Multiply Developing Written Strategies Using Place Value to Multiply Dollars and Cents
20	Exploring and Describing Number Patterns and Properties <ul style="list-style-type: none"> Investigating Properties of Odd and Even Numbers Investigating Square Number Patterns Investigating Triangular Number Patterns Investigating Rectangular Number Patterns Exploring Square Number Patterns
21	Relating Decimal Fractions to Measurement <ul style="list-style-type: none"> Working with Tenths of a Metre Working with Tenths of a Kilometre Working with Tenths of a Litre Working with Tenths of a Kilogram Working with Decimals
22	Using Multiplication Strategies to Divide <ul style="list-style-type: none"> Reinforcing the 'Think Multiplication' Strategy Halving Two-Digit Whole Numbers Using Place Value to Divide by Two Using Halving Strategies to Divide by Four Using Place Value to Divide
23	Representing Location, Direction and Movement <ul style="list-style-type: none"> Using Compass Points Working with Symbols and a Legend Working with Instructions Using Compass Points and a Legend Exploring Scale

Unit	Unit Title and Lesson Titles
24	Using Written Methods for Addition <ul style="list-style-type: none"> Developing the Need for Written Methods Adding More Than Two Addends Adding Two- and Three-Digit Numbers Adding Whole Dollars Adding Dollars and Cents
25	Reviewing Common Fractions and Exploring Equivalence <ul style="list-style-type: none"> Reading and Writing Common Fractions Investigating Relative Position Exploring Equivalent Fractions Writing Equivalent Fractions Finding Halves and Quarters of Collections
26	Using Written Methods for Subtraction <ul style="list-style-type: none"> Developing the Need for Written Methods Subtracting Three- and Four- Digit Numbers Subtracting Four-Digit Numbers Subtracting Tenths Using Written Strategies to Subtract Tenths
27	Relating Metric Units of Measurement <ul style="list-style-type: none"> Solving Problems Involving Mass Working with Tenths of a Kilogram Solving Problems Involving Tenths of a Kilogram Building a Cubic Decimetre Relating Metric Units of Measurement
28	Using Place Value Strategies to Divide <ul style="list-style-type: none"> Using Place Value to Divide Breaking Up Two-Digit Numbers Breaking Up Three-Digit Numbers Breaking Up Dollar-and-Cent Amounts Identifying Factors of a Given Number
29	Exploring Transformations <ul style="list-style-type: none"> Working with Reflections – Shape Working with Reflections – Shape and Colour Exploring Flips, Slides and Turns Identifying Flips and Turns Describing Flips and Turns
30	Identifying Tenths and Hundredths as Decimal Fractions <ul style="list-style-type: none"> Locating Tenths on a Number Line Comparing and Ordering Tenths Introducing Hundredths Reading and Writing Hundredths Writing Hundredths