

# YEAR 4 (PART A)

## Textbook 4A schema

- **Chapter 1 – Numbers to 10 000**
  - Lesson 1 – Counting in Hundreds and Twenty-Fives  
To count in hundreds and twenty-fives.
  - Lesson 2 – Counting in Thousands  
To count in thousands.
  - Lesson 3 – Counting in Thousands, Hundreds, Tens and Ones  
To count in thousands, hundreds, tens and ones.
  - Lesson 4 – Using Place Value  
To use an understanding of place value to count.
  - Lesson 5 – Using Place Value  
To understand place value in a 4 digit number.
  - Lesson 6 – Comparing and Ordering Numbers  
To compare and order numbers.
  - Lesson 7 – Comparing and Ordering Numbers  
To compare and order 4 digit numbers.
  - Lesson 8 – Making Number Patterns  
To make number patterns (100, 10, 1 more and less).
  - Lesson 9 – Making Number Patterns  
To make number patterns (4 digit numbers).
  - Lesson 10 – Counting in Sixes, Sevens and Nines  
To count in sixes, sevens and nines.
  - Lesson 11 – Rounding Numbers  
To round numbers to the nearest 1000.
  - Lesson 12 – Rounding Numbers  
To round numbers to the nearest 10, 100 and 1000.

- Lesson 13 – Rounding Numbers to Estimate  
To round numbers to estimate.
- Lesson 14 – Rounding Numbers to Estimate  
To round numbers to estimate.
- Mind Workout – Mind Workout  
Mind Workout - To understand negative numbers.

• **Chapter 2 – Addition and Subtraction Within 10 000**

- Lesson 1 – Finding Sums  
To find totals and sums.
- Lesson 2 – Addition without Renaming  
To add without renaming.
- Lesson 3 – Adding with Renaming  
To add with renaming (in the ones column).
- Lesson 4 – Adding with Renaming  
To add with renaming (in tens and ones).
- Lesson 5 – Adding with Renaming  
To add with renaming (in hundreds, tens and ones).
- Lesson 6 – Adding Using Mental Strategies  
To add using mental strategies (making tens, hundreds and thousands).
- Lesson 7 – Adding Using Mental Strategies  
To add using mental strategies.
- Lesson 8 – Finding Differences  
To find the difference.
- Lesson 9 – Subtracting without Renaming  
To subtract without renaming (column subtraction).
- Lesson 10 – Subtracting with Renaming  
To subtract with renaming (in tens and ones).
- Lesson 11 – Subtracting with Renaming

To subtract with renaming (in hundreds, tens, ones).

- Lesson 12 – Subtracting with Renaming

To subtract with renaming (in hundreds, tens and ones)

- Lesson 13 – Subtracting with Renaming

To subtract with renaming.

- Lesson 14 – Subtracting Using Mental Strategies

To subtract using mental strategies.

- Lesson 15 – Solving Word Problems

To solve addition and subtraction word problems.

- Lesson 16 – Solving Word Problems

To solve word problems (addition and subtraction).

- Lesson 17 – Solving Word Problems

To solve multi-step word problems.

- Mind Workout – Mind Workout

Mind workout. To subtract two 4-digit numbers

### • Chapter 3 – Multiplication and Division

- Lesson 1 – Multiplying by 6

To multiply by 6.

- Lesson 2 – Multiplying by 7

To multiply by 7.

- Lesson 3 – Multiplying by 9

To multiply by 9.

- Lesson 4 – Multiplying by 9

To multiply by 9 (relational understanding).

- Lesson 5 – Multiplying by 11

To multiply by 11.

- Lesson 6 – Multiplying by 11

To multiply by 11.

- Lesson 7 – Multiplying by 12  
To multiply by 12.
- Lesson 8 – Dividing by 6  
To divide by 6.
- Lesson 9 – Dividing by 7  
To divide by 7.
- Lesson 10 – Dividing by 9  
To divide by 9.
- Lesson 11 – Multiplying and Dividing by 11 and 12  
To multiply and divide by 11 and 12.
- Lesson 12 – Dividing with Remainder  
To divide with remainders.
- Lesson 13 – Solving Word Problems  
To solve word problems involving multiplication and division.
- Lesson 14 – Solving Word Problems  
Solve problems involving multiplication and division.
- Lesson 15 – Solving Word Problems  
Solve multi-step problems (in the context of measures).
- Lesson 16 – Solving Word Problems  
Solve problems involving multiplication and division (all possibilities).
- Lesson 17 – Solving Word Problems  
Solve problems involving multiplication and division (multi step).
- Lesson 18 – Solving Word Problems  
Solve problems involving multiplication and division (scaling/comparison).
- Mind Workout – Mind Workout  
Mind Workout: To calculate all the possibilities (multiplication).

- **Chapter 4 – Further Multiplication and Division**

- Lesson 1 – Multiplying by 0 and 1

To multiply by 0 and 1.

- Lesson 2 – Dividing by 1

To divide by 1.

- Lesson 3 – Multiplying the Same Two Numbers

To understand commutativity.

- Lesson 4 – Multiplying Three Numbers

To multiply three numbers.

- Lesson 5 – Multiplying Multiples of 10

To multiply with multiples of 10.

- Lesson 6 – Multiplying 2-Digit Numbers

To multiply 2-digit numbers.

- Lesson 7 – Multiplying 2-Digit Numbers

To multiply 2-digit numbers with renaming.

- Lesson 8 – Multiplying Multiples of 100

To multiply multiples of 100.

- Lesson 9 – Multiplying 3-Digit Numbers

To multiply 3-digit numbers.

- Lesson 10 – Multiplying 3-Digit Numbers

To multiply 3-digit numbers (renaming).

- Lesson 11 – Multiplying 3-Digit Numbers

To multiply 3-digit numbers.

- Lesson 12 – Dividing 2-Digit Numbers

To divide 2-digit numbers.

- Lesson 13 – Dividing 3-Digit Numbers

To divide 3-digit numbers.

- Lesson 14 – Dividing 2-Digit Numbers

Divide 2-digit numbers with remainders.

- Lesson 15 – Dividing 3-Digit Numbers

Divide 3-digit numbers.

- Lesson 16 – Dividing 3-Digit Numbers

Divide 3-digit numbers with remainders.

- Lesson 17 – Solving Word Problems

To solve multiplication and division word problems.

- Lesson 18 – Solving Word Problems

To solve multiplication and division word problems (multistep).

- Mind Workout – Mind Workout

Mind Workout - Use knowledge of x and division to solve problems.

- **Chapter 5 – Graphs**

- Lesson 1 – Drawing and Reading Picture Graphs and Bar Graphs

To draw and read picture graphs and bar graphs.

- Lesson 2 – Drawing and Reading Bar Graphs

To draw and read bar graphs.

- Lesson 3 – Drawing and Reading Line Graphs

To draw and read line graphs.

- Lesson 4 – Drawing and Reading Line Graphs

To draw and read a line graph.

- Lesson 5 – Drawing and Reading Line Graphs

To draw and read line graphs (drawing focus).

- Mind Workout – Mind Workout

Mind Workout - To draw a line graph.

- **Chapter 6 – Fractions**

- Lesson 1 – Counting in Hundredths

To count in hundredths.

- Lesson 2 – Writing Mixed Numbers

To write mixed number fractions.

- Lesson 3 – Showing Mixed Numbers on a Number Line

To show mixed number fractions on a number line.

- Lesson 4 – Finding Equivalent Fractions

To find equivalent fractions.

- Lesson 5 – Finding Equivalent Fractions

To find equivalent fractions (further practice).

- Lesson 6 – Simplifying Mixed Numbers

To simplify mixed number fractions.

- Lesson 7 – Simplifying Improper Fractions

To simplify improper fractions.

- Lesson 8 – Adding Fractions

To add fractions.

- Lesson 9 – Adding Fractions

To add fractions (recording as a mixed number).

- Lesson 10 – Adding Fractions

To add fractions (simplest form).

- Lesson 11 – Subtracting Fractions

To subtract fractions.

- Lesson 12 – Subtracting Fractions

To subtract fractions (equivalence).

- Lesson 13 – Solving Word Problems

To solve word problems.

- Mind Workout – Mind Workout

Mind workout - Solve problems with fractions.

- **Chapter 7 – Time**

- Lesson 1 – Telling Time on a 24-Hour Clock

To tell the time on a 24-hour clock.

- Lesson 2 – Changing Time in Minutes to Seconds

To convert between minutes and seconds.

- Lesson 3 – Changing Time in Hours to Minutes  
To convert between hours and minutes.
- Lesson 4 – Solving Problems on Duration of Time  
To solve time problems.
- Lesson 5 – Changing Years to Months and Weeks to Days  
To convert between units of time.
- Lesson 6 – Solving Word Problems  
To solve word problems (duration).
- Mind Workout – Mind Workout  
To calculate duration.



# Workbook 4A schema

- **Chapter 1 – Numbers to 10 000**
  - Worksheet 1 – Worksheet 1
  - Worksheet 2 – Worksheet 2
  - Worksheet 3 – Worksheet 3
  - Worksheet 4 – Worksheet 4
  - Worksheet 5 – Worksheet 5
  - Worksheet 6 – Worksheet 6
  - Worksheet 7 – Worksheet 7
  - Worksheet 8 – Worksheet 8
  - Worksheet 9 – Worksheet 9
  - Worksheet 10 – Worksheet 10
  - Worksheet 11 – Worksheet 11
  - Worksheet 12 – Worksheet 12
  - Worksheet 13 – Worksheet 13
  - Worksheet 14 – Worksheet 14
  - Mind Workout – Mind Workout
  - Review 1 – Review 1
- **Chapter 2 – Addition and Subtraction Within 10 000**
  - Worksheet 1 – Finding the Sum
  - Worksheet 2 – Adding Without Renaming
  - Worksheet 3 – Adding With Renaming
  - Worksheet 4 – Adding With Renaming
  - Worksheet 5 – Adding With Renaming
  - Worksheet 6 – Adding Using Mental Strategies
  - Worksheet 7 – Adding Using Mental Strategies
  - Worksheet 8 – Finding Differences
  - Worksheet 9 – Subtracting Without Renaming
  - Worksheet 10 – Subtracting With Renaming
  - Worksheet 11 – Subtracting With Renaming
  - Worksheet 12 – Subtracting With Renaming
  - Worksheet 13 – Subtracting With Renaming
  - Worksheet 14 – Subtracting Using Mental Strategies
  - Worksheet 15 – Solving Word Problems
  - Worksheet 16 – Solving Word Problems
  - Worksheet 17 – Solving Word Problems
  - Mind Workout – Mind Workout
  - Review 2 – Review 2
- **Chapter 3 – Multiplication and Division**
  - Worksheet 1 – Worksheet 1
  - Worksheet 2 – Worksheet 2
  - Worksheet 3 – Worksheet 3
  - Worksheet 4 – Worksheet 4
  - Worksheet 5 – Worksheet 5
  - Worksheet 6 – Worksheet 6
  - Worksheet 7 – Worksheet 7
  - Worksheet 8 – Worksheet 8
  - Worksheet 9 – Worksheet 9
  - Worksheet 10 – Worksheet 10
  - Worksheet 11 – Worksheet 11
  - Worksheet 12 – Worksheet 12
  - Worksheet 13 – Worksheet 13
  - Worksheet 14 – Worksheet 14
  - Worksheet 15 – Worksheet 15
  - Worksheet 16 – Worksheet 16
  - Worksheet 17 – Worksheet 17

- Worksheet 18 – Worksheet 18
- Mind Workout – Mind Workout
- Review 3 – Review 3
- **Chapter 4 – Further Multiplication and Division**
  - Worksheet 1 – Multiplying by 0 and 1
  - Worksheet 2 – Dividing by 1
  - Worksheet 3 – Multiplying the Same Two Numbers
  - Worksheet 4 – Multiplying Three Numbers
  - Worksheet 5 – Multiplying Multiples of 10
  - Worksheet 6 – Multiplying 2-Digit Numbers
  - Worksheet 7 – Multiplying 2-Digit Numbers
  - Worksheet 8 – Multiplying Multiples of 100
  - Worksheet 9 – Multiplying 3-Digit Numbers
  - Worksheet 10 – Multiplying 3-Digit Numbers
  - Worksheet 11 – Multiplying 3-Digit Numbers
  - Worksheet 12 – Dividing 2-Digit Numbers
  - Worksheet 13 – Dividing 3-Digit Numbers
  - Worksheet 14 – Dividing 2-Digit Numbers
  - Worksheet 15 – Dividing 3-Digit Numbers
  - Worksheet 16 – Dividing 3-Digit Numbers
  - Worksheet 17 – Solving Word Problems
  - Worksheet 18 – Solving Word Problems
  - Mind Workout – Mind Workout
  - Review 4 – Review 4
- **Revision 1 – Revision 1**
  - Revision 1 – Revision 1
- **Chapter 5 – Graphs**
  - Worksheet 1 – Worksheet 1
  - Worksheet 2 – Worksheet 2
  - Worksheet 3 – Worksheet 3
  - Worksheet 4 – Worksheet 4
  - Worksheet 5 – Worksheet 5
  - Mind Workout – Mind Workout
  - Review 5 – Review 5
- **Chapter 6 – Fractions**
  - Worksheet 1 – Counting in Hundredths
  - Worksheet 2 – Writing Mixed Numbers
  - Worksheet 3 – Showing Mixed Numbers on a Number Line
  - Worksheet 4 – Finding Equivalent Fractions
  - Worksheet 5 – Finding Equivalent Fractions
  - Worksheet 6 – Simplifying Mixed Numbers
  - Worksheet 7 – Simplifying Improper Fractions
  - Worksheet 8 – Adding Fractions
  - Worksheet 9 – Adding Fractions
  - Worksheet 10 – Adding Fractions
  - Worksheet 11 – Subtracting Fractions
  - Worksheet 12 – Subtracting Fractions
  - Worksheet 13 – Solving Word Problems
  - Mind Workout – Mind Workout
  - Review 6 – Review 6
- **Chapter 7 – Time**
  - Worksheet 1 – Worksheet 1
  - Worksheet 2 – Worksheet 2
  - Worksheet 3 – Worksheet 3
  - Worksheet 4 – Worksheet 4
  - Worksheet 5 – Worksheet 5
  - Worksheet 6 – Worksheet 6

- Mind Workout – Mind Workout
- Review 7 – Review 7
- **Revision 2 – Revision 2**
  - Revision 2 – Revision 2
- **Mid-Year Revision – Mid-Year Revision**
  - Section A – Section A
  - Section B 11-27 – Section B 11-27
  - Section B 28-40 – Section B 28-40
  - Section C – Section C