

YEAR 1 (PART B)

Textbook 1B schema

- **Chapter 10 – numbers to 40**

- Lesson 1 – Counting to 40

To use the making-ten strategy to count numbers above 10; to represent numbers on a number line.

- Lesson 2 – Writing Numbers to 40

To use the ten-frame method of organisation and place-value cards to assist pupils in writing numbers to 40; to encourage multiple ways of counting, including counting by 2, 5 and 10.

- Lesson 3 – Counting in Tens and Ones

To understand that digits represent 10s and 1s; to represent numbers using base-ten materials and numbers.

- Lesson 4 – Comparing Numbers

To use place value to compare two or three numbers and determine which number is bigger/smaller; to arrange 3 numbers in order of size.

- Lesson 5 – Finding How Much More

To compare numbers using number bonds, 100 squares and number lines to determine how many more/less.

- Lesson 6 – Making Number Patterns

To observe and use number patterns; to see number lines in conjunction with number squares in order to create visual proportionality.

- Lesson 7 – Chapter End

- **Chapter 11 – Addition and Subtraction Word Problems**

- Lesson 1 – Solving Word Problems

To decide whether addition or subtraction is the most appropriate operation; to use and apply number bonds and visual representations to solve word problems.

- Lesson 2 – Solving Word Problems

To use and apply concepts of how many more and how many fewer/less; to apply number bonds and the guess-and-check method to solve word problems

- Lesson 3 – Solving Word Problems

To develop number sentences based on word problems; to improve the use of number bonds and one-to-one bar model representations to suit the question.

- Lesson 4 – Solving Word Problems

To use pictorial representations to help solve word problems; to choose the correct operation to solve a word problem.

- Lesson 5 – Solving Word Problems

To use visual representations and patterning to solve word problems; to develop precision in model drawing to recognise similarities and differences.

- Lesson 6 – Solving Word Problems

To apply addition and subtraction to multi-step word problems; to use number bonds to make 10 when adding.

- Lesson 7 – Chapter End

- **Chapter 12 – Multiplication**

- Lesson 1 – Making Equal Groups

To identify equal groupings as the first step in multiplying; to reinforce the idea that arrangement of objects does not impact number of objects.

- Lesson 2 – Adding Equal Groups

Understand that we can count groups of the same quantity more efficiently; find multiple ways of counting groups of the same quantity

- Lesson 3 – Making Equal Rows

To organise objects into equal rows in order to begin counting equal numbers efficiently.

- Lesson 4 – Making Doubles

To understand that doubling is creating an identical number to the one you started with; to understand that doubling is the same as saying 2 groups of the same amount.

- Lesson 5 – Solving Word Problems

To solve word problems using equal groupings as the basis for multiplication.

- Lesson 6 – Chapter End

- **Chapter 13 – Division**

- Lesson 1 – Grouping Equally

To understand how to divide even numbers into equal groupings using concrete materials; to determine how many groups will be created from sharing equally.

- Lesson 2 – Sharing Equally

To understand how to divide even numbers equally into groupings; to determine how many items will be included in each grouping in order to share equally.

- Lesson 3 – Chapter End

- **Chapter 14 – Fractions**

- Lesson 1 – Making Halves

To split an object (shape) into two equal parts; to identify shapes that have been split into two equal parts.

- Lesson 2 – Making Groups

To split an object (shape) into four equal parts; to identify shapes that have been split into four equal parts.

- Lesson 3 – Making Groups

To share and group objects into halves and quarters; to determine half of a number and a quarter of a number.

- Lesson 4 – Chapter End

- **Chapter 15 – Numbers to 100**

- Lesson 1 – Counting to 100

To count in sequences of 10 followed by counting ones; to increase confidence with number lines and base-ten materials in order to count numbers to 100.

- Lesson 2 – Finding Tens and Ones

To understand the value of the tens and ones digits in a number; to use multiple methods of representing and constructing a number.

- Lesson 3 – Comparing Numbers

To review and extend skills and strategies related to number comparison; to place numbers in order from smallest to largest and vice versa.

- Lesson 4 – Making Number Patterns

To see patterns of numbers when increasing or decreasing by 1, 2, or 5; to use a number line, a one hundred chart and base-ten materials to represent numbers.

- Lesson 5 – Chapter End

- **Chapter 16 – Time**

- Lesson 1 – Telling Time to the Hour

To develop familiarity with the analogue clock, including the minute and hour hands; to tell time to the hour on an analogue clock.

- Lesson 2 – Telling Time to the Half Hour

To improve familiarity with the analogue clock; to tell time to the half hour using the term 'half past.'

- Lesson 3 – Using Next, Before and After

To sequence events in order of time; to use the terms 'next,' 'before' and 'after' to describe the order of events.

- Lesson 4 – Estimating Duration of Time

To estimate an amount of time using seconds, minutes and hours.

- Lesson 5 – Comparing Time

To use the terms 'quicker,' 'slower,' 'earlier,' 'later' when comparing time.

- Lesson 6 – Using a Calendar

To learn the days of the week and the months of the year and to be able to put them in the correct order.

- Lesson 7 – Chapter End

- **Chapter 17 – Money**

- Lesson 1 – Recognising Coins

To recognise coins and determine their value using size, colour, markings and shape.

- Lesson 2 – Recognising Notes

To recognise notes and determine their value using colour and markings.

- Lesson 3 – Chapter End

- **Chapter 18 – Volume and Capacity**

- Lesson 1 – Comparing Volume and Capacity

To compare volume and capacity using the terms 'more than' and 'less than,' 'full' and 'empty.'

- Lesson 2 – Finding Volume and Capacity

To find the volume and capacity of a container using non-standard units.

- Lesson 3 – Describing Volume Using Half and a Quarter

To describe volume using the terms 'half' and 'quarter.'

- Lesson 4 – Chapter End

- **Chapter 19 – Mass**

- Lesson 1 – Comparing Mass

To compare the mass of objects using the terms 'heavy' and 'light,' 'heavier than,' 'lighter than' and 'as heavy as.'

- Lesson 2 – Finding Mass

To find the mass of an object using non-standard units; to use visualisation skills to estimate the number of units.

- Lesson 3 – Chapter End

- **Chapter 20 – Space**

- Lesson 1 – Describing Positions

To describe the position of objects in relation to one another using varied vocabulary.

- Lesson 2 – Describing Movements

To describe movements of objects using varied language.

- Lesson 3 – Making Turns

To understand how to make turns using mathematical language, connecting the making-turns knowledge to time.

- Lesson 4 – Chapter End

Workbook 1B schema

- **Chapter 10 – Numbers to 40**

- Worksheet 1 – Counting to 40
- Worksheet 2 – Writing in numbers to 40
- Worksheet 3 – Counting in Tens and Ones
- Worksheet 4 – Comparing Numbers
- Worksheet 5 – Finding How Much More
- Worksheet 6 – Making Number Patterns
- Mind Workout – Mind Workout
- Review 10 – Review 10

- **Chapter 11 – Addition and Subtraction Word Problems**

- Worksheet 1 – Solving Word Problems
- Worksheet 2 – Solving Word Problems
- Worksheet 3 – Solving Word Problems
- Worksheet 4 – Solving Word Problems
- Worksheet 5 – Solving Word Problems
- Worksheet 6 – Solving Word Problems
- Mind Workout – Mind Workout
- Review 11 – Review 11

- **Chapter 12 – Multiplication**

- Worksheet 1 – Making Equal Groups
- Worksheet 2 – Adding Equal Groups
- Worksheet 3 – Making Equal Rows
- Worksheet 4 – Making Doubles
- Worksheet 5 – Solving Word Problems
- Mind Workout – Mind Workout
- Review 12 – Review 12

- **Chapter 13 – Division**

- Worksheet 1 – Grouping Equally
- Worksheet 2 – Sharing Equally
- Mind Workout – Mind Workout
- Review 13 – Review 13

- **Chapter 14 – Fractions**

- Worksheet 1 – Making Halves
- Worksheet 2 – Making Quarters
- Worksheet 3 – Sharing and Grouping

- Mind Workout – Mind Workout
- Review 14 – Review 14
- **Chapter 15 – Numbers to 100**
 - Worksheet 1 – Counting to 100
 - Worksheet 2 – Finding Tens and Ones
 - Worksheet 3 – Comparing Numbers
 - Worksheet 4 – Making Number Patterns
 - Mind Workout – Mind Workout
 - Review 15 – Review 15
- **Revision 3 – Revision 3**
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- **Chapter 16 – Time**
 - Worksheet 1 – Telling Time to the Hour
 - Worksheet 2 – Telling Time to the Half Hour
 - Worksheet 3 – Using Next, Before and After
 - Worksheet 4 – Estimating Duration of Time
 - Worksheet 5 – Comparing Time
 - Worksheet 6 – Using a Calander
 - Mind Workout – Mind Workout
 - Review 16 – Review 16
- **Chapter 17 – Money**
 - Worksheet 1 – Recognising Coins
 - Worksheet 2 – Recognising Notes
 - Mind Workout – Mind Workout
 - Review 17 – Review 17
- **Chapter 18 – Volume and Capacity**
 - Worksheet 1 – Comparing Volume and Capacity
 - Worksheet 2 – Finding Volume and Capacity
 - Worksheet 3 – Describing Volume using Half and a Quarter
 - Mind Workout – Mind Workout
 - Review 18 – Review 18
- **Chapter 19 – Mass**
 - Worksheet 1 – Comparing Mass
 - Worksheet 2 – Finding Mass
 - Mind Workout – Mind Workout
 - Review 19 – Review 19
- **Chapter 20 – Space**
 - Worksheet 1 – Describing Positions
 - Worksheet 2 – Describing Movements
 - Worksheet 3 – Making Turns
 - Mind Workout – Mind Workout
 - Review 20 – Review 20
- **Revision 4 – Revision 4**
 - Revision 4 – Revision 4
- **End-of-Year Revision – End-of-Year Revision**
 - Section A – Section A
 - Questions 11 - 28 – Questions 11 - 28
 - Questions 29 - 40 – Questions 29 - 40
 - Section C – Section C