

YEAR 2 (PART B)

Textbook 2B schema

- **Chapter 9 – More Word Problems**

- Lesson 1 – Solving Word Problems

To decide when it is appropriate to add and/or subtract when solving word problems; to improve the use of bar modelling and decision making based on visual representations.

- Lesson 2 – Solving Word Problems

To use the bar model method to solve word problems looking at difference.

- Lesson 3 – Solving Word Problems

To solve multi-step word problems using bar modelling; to use more than one bar model in a problem to work out the answer.

- Lesson 4 – Solving Word Problems

To use bar modelling to solve multi-step word problems involving unknown quantities.

- Lesson 5 – Chapter End

- **Chapter 10 – Money**

- Lesson 1 – Writing Amounts of Money

To identify standard UK coins and notes and write their names.

- Lesson 2 – Counting Money

To count notes in sequences of 5 and 10; to recognise the value of notes by appearance.

- Lesson 3 – Counting Money

To count coins in sequences of their value; to recognise the value of coins by appearance.

- Lesson 4 – Counting Money

To represent amounts of money using coins and notes; to count coins and notes using their denominations.

- Lesson 5 – Showing Equal Amounts of Money

To create equal amounts of money using different coins.

- Lesson 6 – Exchanging Money

To exchange denominations of money for different coins.

- Lesson 7 – Comparing Amounts of Money

To compare different amounts of money using coins.

- Lesson 8 – Calculating Total Amount

To add money together to determine the total amount.

- Lesson 9 – Calculating Change

To calculate change from £100 or less; to use the bar model approach to represent amounts of money.

- Lesson 10 – Solving Word Problems

To solve more complex word problems using bar modelling as a primary method.

- Lesson 11 – Chapter End

- **Chapter 11 – Two-Dimensional Shapes**

- Lesson 1 – Identifying Sides

To identify the number of sides on basic 2-D shapes.

- Lesson 2 – Identifying Vertices

To identify and count the vertices in regular polygons.

- Lesson 3 – Identifying Lines of Symmetry

To identify lines of symmetry in basic 2-D shapes.

- Lesson 4 – Making Figures

To construct shapes using pattern blocks that have lines of symmetry.

- Lesson 5 – Sorting Shapes

To sort shapes based on number of sides, vertices and other factors.

- Lesson 6 – Drawing Shapes

To draw shapes using square grids and dotted grids; to copy shapes from sight into their books using grid paper.

- Lesson 7 – Making Patterns

To recognise patterns of familiar shapes and colours of up to 3 objects.

- Lesson 8 – Describing Patterns

To describe patterns using ordinal numbers and shape names.

- Lesson 9 – Moving Shapes

To move shapes on a square grid from one position to another using common language.

- Lesson 10 – Turning Shapes

To turn objects using quarter, half and three-quarter turns both clockwise and anticlockwise on a square grid.

- Lesson End – Mind Workout

- **Chapter 12 – Three-Dimensional Shapes**

- Lesson 1 – Recognising Three-Dimensional Shapes

To recognise 3-D shapes by identifying their properties.

- Lesson 2 – Describing Three-Dimensional Shapes

To describe 3-D shapes and classify them using faces, vertices and edges.

- Lesson 3 – Describing Three-Dimensional Shapes

To describe 3-D shapes based on the number of faces and 2-D make ups; to construct nets of shapes into 3-D shapes.

- Lesson 4 – Grouping Three-Dimensional Shapes

To group 3-D shapes by similar properties.

- Lesson 5 – Forming Three-Dimensional Structures

To form 3-D structures using multiple 3-D objects.

- Lesson 6 – Making Patterns

To make and recognise patterns using 3-D shapes.

- Lesson 7 – Chapter End

- **Chapter 13 – Fractions**

- Lesson 1 – Making Equal Parts

To make equal parts from a whole using simple and complex methods.

- Lesson 2 – Showing Half and Quarter

To show and recognise halves and quarters.

- Lesson 3 – Showing Quarters

To show and identify more than one quarter using materials and pictures.

- Lesson 4 – Showing Thirds

To show and identify thirds in shapes; to use the vocabulary 'numerator' and 'denominator' when referring to fractions.

- Lesson 5 – Naming Fractions

To identify and name fractions by looking at the number of pieces and how many are shaded in.

- Lesson 6 – Making Equal Fractions
To recognise equivalent fractions in quarters, thirds and halves.
- Lesson 7 – Comparing and Ordering Fractions
To compare and order similar fractions by looking at the size of the pieces shaded.
- Lesson 8 – Comparing and Ordering Fractions
To compare and order fractions with different denominators.
- Lesson 9 – Counting Wholes and Parts
To count the number of wholes and parts to form mixed numbers.
- Lesson 10 – Counting in Halves
To count in halves and place halves onto a number line using pictures.
- Lesson 11 – Counting in Quarters
To count in quarters and place quarters onto a number line using pictures.
- Lesson 12 – Counting in Thirds
To count in thirds and place thirds onto a number line using pictures.
- Lesson 13 – Finding Part of a Set
To find fractions (half) of whole numbers.
- Lesson 14 – Finding Part of a Set
To find a fraction (third) of a whole number.
- Lesson 15 – Finding Part of a Set
To find a fraction (quarter) of a number.
- Lesson 16 – Finding Part of a Quantity
To find a fraction (half, third, quarter) of a quantity (length).
- Chapter End – Mind Workout
- **Chapter 14 – Time**
 - Lesson 1 – Telling and Writing Time to 5 Minutes
To tell and write time to 5-minute intervals.
 - Lesson 2 – Telling and Writing Time
To tell time to 5-minute intervals and to the hour.
 - Lesson 3 – Sequencing Events

To sequence events of the day looking at analogue clocks and picture clues.

- Lesson 4 – Drawing Clock Hands

To draw hands on an analogue clock to show correct time.

- Lesson 5 – Finding Durations of Time

To find the duration of time using an analogue clock in 30- and 60-minute intervals.

- Lesson 6 – Finding Durations of Time

To find the duration of time to 5-minute intervals.

- Lesson 7 – Finding Ending Times

Find the ending of a duration of time from different 5-minute starting points.

- Lesson 8 – Finding Ending Times

To find the ending time in intervals of 5 minutes from delayed starts.

- Lesson 9 – Finding Starting Times

To find the starting time from 30-minute and 1-hour interval durations.

- Lesson 10 – Finding Starting Times

To find the start of multiple durations of time using a common end.

- Lesson 11 – Comparing Time

To compare durations of time from the least amount to the most amount of time and vice versa.

- Lesson 12 – Chapter End

- **Chapter 15 – Volume**

- Lesson 1 – Comparing Volume

To compare volume in different-sized containers using the terms 'greater than,' 'less than,' 'greatest' and 'least.'

- Lesson 2 – Comparing Volume

To compare the volume of different containers using non-standard units.

- Lesson 3 – Measuring Volume in Litres

To measure volume using litres and determine whether an amount is 'more than,' 'less than' or 'equal to' a litre.

- Lesson 4 – Measuring Volume in Millilitres

To measure volume using millilitres and litres; to determine how many ml there are in 1 l.

- Lesson 5 – Solving Word Problems
To solve word problems involving bar models with litres as the standard unit.
- Lesson 6 – Solving Word Problems
To solve word problems using ml and l, including problems involving difference.
- Lesson 7 – Solving Word Problems
To solve word problems involving volume and multiplication.
- Chapter End – Mind Workout

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