

Year 4 End of Unit Milestones:

Autumn Term – TEXTBOOK 4A

Chapter 1 Number and Place Value: Numbers to 1000

By the end of this unit, children will be able to:

- count in hundreds and twenty-fives
- count in thousands
- count in thousands, hundreds, tens and ones
- use an understanding of place value to count
- understand place value in a 4-digit number
- compare and order numbers
- compare and order 4-digit numbers
- make number patterns (100, 10, 1 more and less)
- count in sixes, sevens and nines
- round numbers to the nearest 10, 100 and 1000
- round numbers to make an estimation.

Autumn Term – TEXTBOOK 4A

Chapter 2 Calculations: Addition and Subtraction

By the end of this unit, children will be able to:

- find totals and sums of quantities
- add without renaming
- add with renaming (in hundreds, tens and ones).
- add using mental strategies (making tens, hundreds and thousands).
- find the difference between amounts
- subtract without renaming (column subtraction)
- subtract with renaming (in hundreds, tens and ones)
- subtract using mental strategies
- solve addition and subtraction word problems
- solve word problems (addition and subtraction).

Autumn Term – TEXTBOOK 4A

Chapter 3: Calculation: Multiplication and Division

By the end of this unit, children will be able to:

- multiply and divide by 6, 7, 9, 11, 12
- recall all multiplication facts from 1-12

- divide with remainders
- solve word problems involving multiplication and division
- solve multi-step problems (in the context of measures)
- solve problems involving multiplication and division (all possibilities)
- solve problems involving multiplication and division (multi-step).
- solve problems involving multiplication and division (scaling/comparison).

Spring Term – TEXTBOOK 4A

Chapter 4 Calculation: Further Multiplication and Division

By the end of this unit, children will be able to:

- multiply by 0 and 1
- divide by 1
- understand commutativity
- multiply three numbers.
- multiply with multiples of 10 and 1000.
- multiply 2 and 3-digit numbers with renaming
- 2-Digit Numbers To divide 2 and 3-digit numbers with and without remainders
- solve multiplication and division word problems.

Spring Term – TEXTBOOK 4A

Chapter 5 Statistics: Graphs

By the end of this unit, children will be able to:

- draw and read picture graphs and bar graphs
- draw, read and interpret line graphs.

Spring Term – TEXTBOOK 4A

Chapter 6 Fractions, Decimals Percentages: Fractions

By the end of this unit, children will be able to:

- count in hundredths
- write mixed number fractions
- show mixed number fractions on a number line
- find equivalent fractions
- simplify mixed number fractions and improper fractions
- add fractions recording answers as a mixed numbers and in the simplest form

- subtract fractions
- solve word problems.

Spring Term – TEXTBOOK 4A

Chapter 7 Measurement: Time

By the end of this unit, children will be able to:

- tell the time on a 24-hour clock
- convert between minutes and seconds
- convert between hours and minutes.
- solve time problems on duration of time
- convert between units of time including months and weeks to days.

Spring Term – TEXTBOOK 4B

Chapter 8 Fractions, Decimals & Percentages: Decimals

By the end of this unit, children will be able to:

- identify tenths and hundredths in decimals numbers
- compare and order decimal numbers
- create number sequences including decimals
- round decimal numbers
- write fractions as decimal numbers
- divide whole numbers by 10 and 100.

Summer Term – TEXTBOOK 4B

Chapter 9 Measurement: Money

By the end of this unit, children will be able to:

- record amounts of money
- compare total amounts of money
- round to the nearest pound (whole number)
- solve money problems using the four operations
- estimate amounts of money.

Summer Term – TEXTBOOK 4B

Chapter 10 Measurement: Mass, Volume and Length

By the end of this unit, children will be able to:

- measure mass
- convert units of mass
- measure volume
- convert units of volume
- measure height
- convert units of length
- measure perimeter in centimetres and millimetres
- solve problems in measurement (reading scales).

Summer Term – TEXTBOOK 4B

Chapter 11 Measurement: Areas of Figures

By the end of this unit, children will be able to:

- find area (by measuring surface coverage)
- measure area by counting squares and half squares and using multiplication
- measure area that includes shapes in different orientations.

Summer Term – TEXTBOOK 4B

Chapter 12 Geometry – Properties of Shapes: Geometry

By the end of this unit, children will be able to:

- identify types of angles
- compare angles
- classify triangles and quadrilaterals
- identify symmetrical figures
- draw lines of symmetry
- make symmetrical figures
- complete symmetrical figures
- sort and organise shapes according to their properties.

Summer Term – TEXTBOOK 4B

Chapter 13 Geometry – Position and Direction: Position and Movement

By the end of this unit, children will be able to:

- describe position
- plot coordinates
- describe movements
- describe movements using coordinates.

Summer Term – TEXTBOOK 4B

Chapter 14 Number and Place Value: Roman Numerals

By the end of this unit, children will be able to:

- write Roman numerals (to 20)
- write Roman numerals to 100.