

Year 4 Maths- Medium Term Planning



Lesson 1 -	Lessons in black are key lessons that have to be taught
Lesson 2 -	Lessons in brown are lessons that can be combined into one or another key lesson
Lesson 4 -	Lessons in grey are lessons that can be taught if time allows to consolidate, these resources can be used to support the delivery of white days/journaling



Year 4 Lesson Breakdown

Number and Place Value: Numbers to 10 000

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
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 9 - Making NUMBER Patterns	To MAKE NUMBER patterns (4-digit NUMBERS).
	Lesson 10 - Rounding 4-Digit NUMBERS to the Nearest 1000	To round NUMBERS to the nearest 1000.
	Lesson 11 - Rounding 4-Digit NUMBERS to the Nearest 10 or 100	To round NUMBERS to the nearest 10 or 100.
	Lesson 12 - Rounding NUMBERS to ESTIMATE	To round NUMBERS to ESTIMATE.
	Lesson 13 - Rounding NUMBERS to ESTIMATE	To round NUMBERS to ESTIMATE.



Year 4 Lesson Breakdown

Calculations: Addition and Subtraction

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 2 - Addition and Subtraction within 10 000	Lesson 1 - Finding SUMS	To find totals and SUMS.
	Lesson 2 - Adding 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 and ones).
	Lesson 12 - Subtracting with RENAMING	To subtract with RENAMING (in hundreds, tens and ones).



Year 4 Lesson Breakdown

Calculations: Addition and Subtraction - Continued

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 2 - Addition and Subtraction within 10 000	Lesson 12 - Subtracting with RENAMING	To subtract with RENAMING (in hundreds, tens and ones).
	Lesson 13 - Subtracting Using Mental Strategies	To subtract using MENTAL strategies.
	Lesson 14 - Solving Word PROBLEMS	To solve addition and subtraction word PROBLEMS.
	Lesson 15 - Solving Word PROBLEMS	To solve word PROBLEMS (addition and subtraction).
	Lesson 16 - Solving Word PROBLEMS	To solve MULTI-STEP word PROBLEMS.



Year 4 Lesson Breakdown

Calculations: Multiplication and Division

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 3 - Multiplication and Division	Lesson 1 - Counting in Sixes, Sevens and Nines	To count in sixes, sevens and nines.
	Lesson 2 - Multiplying by 9	To MULTIPLY by 9.
	Lesson 3 - Multiplying by 7	To MULTIPLY by 7.
	Lesson 4 - Multiplying by 9	To MULTIPLY by 9.
	Lesson 5 - Multiplying by 9	To MULTIPLY by 9 (relational understanding).
	Lesson 6 - Multiplying by 11	To MULTIPLY by 11.
	Lesson 7 - Multiplying by 11	To MULTIPLY by 11.
	Lesson 8 - Multiplying by 12	To MULTIPLY by 12.
	Lesson 9 - Dividing by 6	To divide by 6.
	Lesson 10 - Dividing by 7	To divide by 7.
	Lesson 11 - Dividing by 9	To divide by 9.
	Lesson 12 - Multiplying and Dividing by 11 and 12	To MULTIPLY and divide by 11 and 12.
	Lesson 13 - Dividing with REMAINDER	To divide with REMAINDERS.



Year 4 Lesson Breakdown

Calculations: Multiplication and Division - Continued

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 3 - Multiplication and Division	Lesson 14 - Solving Word PROBLEMS	To solve word PROBLEMS involving MULTIPLICATION and division.
	Lesson 15 - Solving Word PROBLEMS	To solve PROBLEMS involving MULTIPLICATION and division.
	Lesson 16 - Solving Word PROBLEMS	To solve MULTI-STEP PROBLEMS (in the context of MEASURES).
	Lesson 17 - Solving Word PROBLEMS	To solve PROBLEMS involving MULTIPLICATION and division (all possibilities).
	Lesson 18 - Solving Word PROBLEMS	To solve PROBLEMS involving MULTIPLICATION and division (MULTI-STEP).
	Lesson 19 - Solving Word PROBLEMS	To solve PROBLEMS involving MULTIPLICATION and division (SCALING/COMPARISON).



Year 4 Lesson Breakdown

Calculations: Further Multiplication and Division

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
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.



Year 4 Lesson Breakdown

Calculations: Further Multiplication and Division (continued from Autumn Term)

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 4 - Further Multiplication and Division	Lesson 6 - Multiplying 2-Digit NUMBERS without RENAMING	To MULTIPLY 2-digit NUMBERS.
	Lesson 7 - Multiplying 2-Digit NUMBERS with RENAMING	To MULTIPLY 2-digit NUMBERS with RENAMING.
	Lesson 8 - Multiplying Multiples of 100	To MULTIPLY MULTIPLES of 100.
	Lesson 9 - Multiplying 3-Digit NUMBERS without RENAMING	To MULTIPLY 3-digit NUMBERS.
	Lesson 10 - Multiplying 3-Digit NUMBERS with RENAMING	To MULTIPLY 3-digit NUMBERS with RENAMING.
	Lesson 11 - Multiplying 3-Digit NUMBERS with RENAMING	To MULTIPLY 3-digit NUMBERS with RENAMING.
	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	To divide 2-digit NUMBERS with REMAINDERS.
	Lesson 15 - Dividing 3-Digit NUMBERS	To divide 3-digit NUMBERS.
	Lesson 16 - Dividing 3-Digit NUMBERS	To 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 (MULTI-STEP).



Year 4 Lesson Breakdown

Statistics: Graphs

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 5 - Graphs	Lesson 1 - Drawing and Reading PICTOGRAMS 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).



Year 4 Lesson Breakdown

Fractions, Decimals and Percentages: Fractions

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
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 practise).
	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 answers 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.



Year 4 Lesson Breakdown

Measurement: Time

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 7: TIME	Lesson 1 - Telling TIME on a 24-Hour Clock	To tell the TIME on a 24-hour clock.
	Lesson 2 - Converting TIME in Minutes to Seconds	To convert between MINUTES and seconds.
	Lesson 3 - Converting 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 - Converting Years to Months and Weeks to Days	To convert between units of TIME.
	Lesson 6 - Solving Word PROBLEM.	To solve word PROBLEMS (duration).



Year 4 Lesson Breakdown

Fractions, Decimals and Percentages: Decimals

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 8 - DECIMALS	Lesson 1 - Writing Tenths	To record tenths.
	Lesson 2 - Writing Tenths	To record in tenths (in different ways).
	Lesson 3 - Writing Hundredths	To write hundredths.
	Lesson 4 - Writing Hundredths	To write hundredths (in different ways).
	Lesson 5 - Dividing by 10 and 100	To divide 1-digit and 2-digit NUMBERS by 100.
	Lesson 7 - COMPARING and Ordering DECIMALS	To COMPARE and order DECIMAL NUMBERS.
	Lesson 8 - Rounding DECIMALS	To round DECIMALS to the nearest whole NUMBER.
	Lesson 9 - Writing Fractions as DECIMALS	To recognise and write DECIMAL equivalents of fractions.



Year 4 Lesson Breakdown

Measurement: Money

Maths — No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 9 - Money	Lesson 1 - Writing AMOUNTS of Money	To record AMOUNTS of MONEY.
	Lesson 2 - Writing AMOUNTS of Money	To record AMOUNTS of MONEY.
	Lesson 3 - COMPARING AMOUNTS of Money	To COMPARE total AMOUNTS of MONEY.
	Lesson 4 - Rounding AMOUNTS of Money	To round to the nearest pound (whole NUMBER).
	Lesson 5 - Solving PROBLEMS Involving Money	To solve MONEY PROBLEMS (addition and subtraction).
	Lesson 6 - Solving PROBLEMS Involving Money	To solve MONEY PROBLEMS (MULTIPLICATION).
	Lesson 7 - Solving PROBLEMS Involving Money	To solve MONEY PROBLEMS (COMPARISON).



Year 4 Lesson Breakdown

SUMMER TERM - Textbook 4B

Measurement: Mass, Volume and Length

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 10 - Length, Mass and VOLUME	Lesson 1 - Converting Units of Length	To convert units of length.
	Lesson 2 - Converting Units of Length	To convert units of length.
	Lesson 3 - ESTIMATING Length	To ESTIMATE lengths.
	Lesson 4 - Converting Units of Mass	To convert units of MASS.
	Lesson 5 - ESTIMATING Mass	To ESTIMATE MASS.
	Lesson 7 - ESTIMATING VOLUME	To ESTIMATE VOLUMES.
	Lesson 8 - COMPARING and Ordering MEASUREMENTS	To COMPARE and order MEASUREMENTS of length, MASS and VOLUME.



Year 4 Lesson Breakdown

SUMMER TERM - Textbook 4B

Measurement: Area of Figures

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 11 - Area and PERIMETER of Figures	Lesson 1 - Finding PERIMETER	To ESTIMATE and find PERIMETER.
	Lesson 2 - Understanding Area	To ESTIMATE and find area.
	Lesson 3 - Measuring and COMPARING Areas of Figures	To MEASURE and COMPARE areas (counting squares).
	Lesson 5 - COMPARING PERIMETERS and Areas of Figures	To COMPARE PERIMETERS and areas of different figures.



Year 4 Lesson Breakdown

Geometry - Properties of Shapes: Geometry

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 12 - GEOMETRY	Lesson 1 - Identifying Types of Angles	To identify types of angles.
	Lesson 2 - COMPARING Angles	To COMPARE angles.
	Lesson 3 - Classifying Triangles	To classify triangles.
	Lesson 4 - Classifying Quadrilaterals	To classify quadrilaterals.
	Lesson 5 - Identifying SYMMETRICAL Figures	To identify SYMMETRICAL figures.
	Lesson 7 - COMPLETING SYMMETRICAL Figures	To draw SYMMETRICAL figures.
	Lesson 9 - COMPARING and Classifying Shapes	To classify shapes based on angles, lines of SYMMETRY and NUMBER of sides.



Year 4 Lesson Breakdown

Geometry - Position and Direction: Position and Movement

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 13 - Position and MOVEMENT	Lesson 1 - Describing Position	To describe position.
	Lesson 2 - Describing Position	To describe position.
	Lesson 3 - Plotting Points	To plot coordinates.
	Lesson 4 - Describing Translations	To describe translations.



Year 4 Lesson Breakdown

Number and Place Value: Roman Numerals

Maths – No Problem! Book Reference	Lesson Name	Lesson Objective
Chapter 14 - ROMAN NUMERALS	Lesson 1 - Writing ROMAN NUMERALS FROM 1 to 20	To write ROMAN NUMERALS (to 20).
	Lesson 2 - Writing ROMAN NUMERALS to 100	To write ROMAN NUMERALS to 100.

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