

# Year 3 coverage overview

<b>Autumn 1: 38 lessons</b>				
<b>1 Chapter 1: Numbers to 1000 (NB: check &amp; use colour coding of digits/place with year 2)</b>				
<b>INSET day</b>	<b>INSET day</b>	<b>Lesson 1: Counting in Hundreds</b> To learn to count in hundreds & understand their place-value. Pupils will also understand how many hundreds are needed to make 1000.	<b>Lesson 2: Counting in Hundreds, Tens and Ones</b> To compose and decompose numbers consisting of hundreds, tens and ones.	<b>Lesson 3: Place Value</b> To understand the value of each digit in a 3-digit number.
<b>2 Chapter 1: Numbers to 1000 (Factual fluency: include rounding to the nearest 10)</b>				
<b>Lesson 4: Comparing and Ordering Numbers</b> To be able to compare and order numbers.	<b>Lesson 5: Counting in Fifties</b> To be able to count in fifties. <b>FF: Counting in 100s</b>	<b>Lesson 6: Number Patterns</b> To recognise, describe and continue a number pattern.	<b>Lesson 7: Number Patterns</b> To be able to recognise, describe and complete more complicated number patterns.	<b>Lesson 8: Counting in Fours and Eights</b> To be able to count in fours and eights.
<b>3 Chapter 2: Addition and Subtraction (NB: check &amp; use year 2 colour-coding for digit/place)</b>				
<b>Chapter 1 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Addition and Subtraction Facts</b> To understand commutative law of addition and the corresponding addition and subtraction facts.	<b>Lesson 2: Adding Ones</b> To add a 3-digit number to a 1-digit number without renaming.	<b>Lesson 3: Adding Tens</b> To be able to add a 3-digit number to multiples of 10 without renaming.	<b>Lesson 4: Adding Hundreds</b> To be able to add a 3-digit number to multiples of 100 without renaming.
<b>4 Chapter 2: Addition and Subtraction (FF: include multiplication/division facts for 2, 5, 10 x tables)</b>				
<b>Lesson 5: Simple Adding</b> To be able to add two 3-digit numbers without renaming, using the column method of addition.	<b>Lesson 6: Adding with Renaming</b> To be able to add a 3-digit number to ones with renaming.	<b>Lesson 7: Adding with Renaming</b> To be able to add a 3-digit number to multiples of 10 with renaming.	<b>Lesson 8: Adding with Renaming</b> To be able to add two 3-digit numbers with renaming the ones.	<b>Lesson 9: Adding with Renaming</b> To be able to add two 3-digit numbers with renaming the tens.
<b>5 Chapter 2: Addition and Subtraction (FF: include number sequences)</b>				
<b>Lesson 10: Adding with Renaming</b> To be able to add two 3-digit numbers with renaming the ones and tens.	<b>Lesson 11: Subtracting Ones</b> To be able to subtract ones from a 3-digit number without renaming.	<b>Lesson 12: Subtracting Tens</b> To be able to subtract multiples of 10 from a 3-digit number without renaming.	<b>Lesson 13: Subtracting Hundreds</b> To be able to subtract multiples of 100 from a 3-digit number without renaming.	<b>Lesson 14: Simple Subtracting</b> To be able to subtract two 3-digit numbers without renaming.
<b>6 Chapter 2: Addition and Subtraction (FF: include ordering 3-digit numbers)</b>				
<b>Lesson 15: Subtracting with Renaming</b> To be able to subtract from a 3-digit number with the renaming of 1 ten into 10 ones.	<b>Lesson 16: Subtracting with Renaming</b> To be able to subtract two 3-digit numbers with the renaming of 1 hundred into 10 tens.	<b>Lesson 17: Subtracting with Renaming</b> To be able to subtract two 3-digit numbers with renaming.	<b>Lesson 18: Subtracting with Renaming</b> To be able to subtract from a multiple of 100 with renaming.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited. <b>NB: Use after formal addition if needed.</b>
<b>7 Chapter 2: Addition and Subtraction (FF: include round 1 and 2-digit numbers to the nearest 10)</b>				
<b>Lesson 19: Using Models</b> To be able to solve word problems using addition and subtraction.	<b>Lesson 20: Using Models</b> To be able to solve word problems using addition and subtraction.	<b>Lesson 21: Using Models</b> To be able to solve 'more than' and 'fewer than' word problems using addition and subtraction. <b>NB: Deepening: L. 22</b>	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited. <b>NB: Use after formal subtraction if needed.</b>	<b>Chapter 2 review and consolidation</b> To practise various concepts covered in the chapter
<b>8 Chapter 3: Multiplication and Division (NB: check &amp; use year 2 colour-coding for digit/place)</b>				
<b>COMBINED: Lesson 1: Multiplying by 3</b> To be able to understand and learn the 3 times table. <b>Lesson 2: Multiplying by 3</b> To be able to recall and use the 3 times table.  <b>Recap equal groups in factual fluency/TPL time</b>	<b>COMBINED: Lesson 3: Multiplying by 4</b> To be able to understand and learn the 4 times table. <b>Lesson 4: Multiplying by 4</b> To be able to recall & use the 4 times table.  <b>Recap equal groups in factual fluency/TPL time.</b>  <b>NB: Make links with x2 &amp; x4 multiplication tables</b>	<b>Lesson 5: Multiplying by 4 and 8</b> To be able to recognise the pattern in the 4 and 8 times tables.	<b>Lesson 6: Multiplying by 8</b> To be able to recall and use the 8 times table.	<b>Lesson 7: Multiplying by 8</b> To be able to recall and use the 8 times table.
<b>Half term break (Homework: consolidation of multiplication tables learnt in year 2 and 3 – 2, 3, 4, 5, 8 &amp; 10x)</b>				

# Year 3 coverage overview

Autumn 2: 34 lessons				
1 Chapter 3: Multiplication and Division (Factual fluency: include $\frac{1}{2}$ and $\frac{1}{4}$ of amounts)				
INSET day	<b>Lesson 8: Dividing by 3</b> To be able to use the 3 times table for division.	<b>Lesson 9: Dividing by 4</b> To be able to use the 4 times table for division.  <b>NB: Link FF: <math>\frac{1}{4}</math> of amounts to dividing by 4</b>	<b>Lesson 10: Multiplying and Dividing</b> To be able to understand the relationship between multiplication and division.	<b>Lesson 11: Dividing by 4 and 8</b> To divide by 4 and 8.
2 Chapter 3: Multiplication and Division (FF: include reading data from pictograms/basic bar graphs)				
<b>Lesson 12: Solving Word Problems</b> To solve word problems with multiplication.	<b>Lesson 13: Solving Word Problems over 2 days</b> To solve word problems involving division.	<b>Lesson 13: Solving Word Problems over 2 days</b>	<b>Lesson 14 Solving Word Problems over 2 days</b> To be able to solve word problems involving multiplication and division. (Deepening Lesson 15)	<b>Lesson 14 Solving Word Problems over 2 days</b>  <b>NB: No chapter review</b>
3			Chapter 4: Further Multiplication and Division	
<b>AUTUMN TEST: arithmetic</b>  <i>(according to school timetable)</i>	<b>AUTUMN TEST: reasoning</b>  <i>(according to school timetable)</i>	<b>AUTUMN TEST: reasoning</b>  <i>(according to school timetable)</i>	<b>Lesson 1: Multiplying 2-Digit Numbers</b> To multiply multiples of 10 by a 1-digit number.	<b>Lesson 2: Multiplying 2-Digit Numbers</b> To multiply any 2-digit number by a 1-digit number.
4 Chapter 4: Further Multiplication and Division (NB: check & use year 2 colour-coding for digit/place)				
<b>Lesson 3: Multiplying 2-Digit Numbers</b> To multiply more 2-digit numbers.	<b>Lesson 4: Multiplying 2-Digit Numbers with Renaming</b> To multiply with renaming.	<b>Lesson 5: Multiplying with Renaming</b> To multiply with renaming.	<b>ADDITIONAL LESSON: spend time practicing and reinforcing compact method.</b>	<b>Consolidation of formal multiplication</b> To be used if lessons take longer than expected or a topic needs to be revisited.
5 Chapter 4: Further Multiplication and Division (FF: include reading time – o'clock & $\frac{1}{2}$ past)				
<b>Consolidation of formal multiplication using simple word problems</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 6: Dividing 2-Digit Numbers</b> To understand simple division of a 2-digit number by a 1-digit number.	<b>Lesson 7: Dividing with Renaming</b> To divide where there is a need to rename. <b>Complete workbook problems in maths books since layout of workbook can be confusing in some of the division lessons. Provide support frame as needed</b>	<b>Lesson 8: Dividing with Regrouping</b> To use long division to divide. <b>Complete workbook problems in maths books since layout of workbook can be confusing in some of the division lessons. Provide support frame as needed</b>	<b>Consolidation of long division</b> To be used if lessons take longer than expected or a topic needs to be revisited.
6 (FF: include reading time: $\frac{1}{2}$ past and $\frac{1}{4}$ past)			Chapter 5: Length	
<b>Consolidation of long division using simple word problems</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 9: Solving Word Problems over 2 days</b> To solve word problems involving multiplication.	<b>Lesson 9: Solving Word Problems over 2 days</b>  <b>NB: No chapter review</b>	<b>Lesson 1: Writing Length in Metres and Centimetres</b> To use metres and centimetres to measure objects.	<b>Lesson 2: Writing Length in Centimetres</b> To write length in centimetres only by converting metres to centimetres.
7 Chapter 5: Length (FF: include reading time: $\frac{1}{2}$ past, $\frac{1}{4}$ past/to)				
<b>Lesson 3: Writing Length in Centimetres and Millimetres</b> To be able to read and write length in centimetres and millimetres.	<b>Lesson 4: Writing Length in Millimetres</b> To be able to read and write length in millimetres.	<b>Lesson 5: Comparing Length</b> To compare two lengths.	<b>Lesson 6: Solving Word Problems</b> To solve measurement-related word problems.	<b>Lesson 7: Solving Word Problems</b> To solve measurement-related word problems
Christmas holiday break (Homework: telling the time – o'clock, $\frac{1}{2}$ past, $\frac{1}{4}$ past/to)				

# Year 3 coverage overview

<b>Spring 1: 29 lessons</b>				
<b>1 Chapter 5: Length</b>		<b>Chapter 6: Mass</b>		
INSET day school	<b>ADDITIONAL LESSON:</b> Simple <b>multiplication and/or division</b> word problems using involving length	<b>Chapter 5 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Reading Weighing Scales</b> To measure mass using weighing scales and compare the mass of objects using grams and kilograms.	<b>Lesson 2: Reading Weighing Scales</b> To use weighing scales to measure mass when the mass is between multiples of 100 g.
<b>2 Chapter 6: Mass</b>				
<b>Lesson 3: Reading Weighing Scales</b> To read values on a scale which are 1 kg or more. (Also, show scales from 'Master' in Lesson 4, where the markers on the scales represent 200 g each.) <b>NB: Use L.4 as deepening</b>	<b>Lesson 5: Solving Word Problems</b> To solve word problems relating to mass with addition and subtraction.	<b>Lesson 6: Solving Word Problems</b> To solve word problems relating to mass using multiplication.	<b>Lesson 7: Solving Word Problems (over 2 days)</b> To solve word problems relating to mass using division.	<b>Lesson 7: Solving Word Problems (over 2 days)</b>
<b>3 Test, review and remediation</b>				
<b>Chapter 6 review and consolidation</b> To practise various concepts covered in the chapter	<b>Revision and Mid-year Tests (A)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (A)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (A)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (A)</b>  <b>Review and Remediation</b>
<b>4 Chapter 7: Volume</b>				
<b>Lesson 1: Measuring Volume in Millilitres</b> To measure volume in millilitres.	<b>Lesson 2: Measuring Capacity in Millilitres</b> To measure capacity in millilitres.	<b>Lesson 3: Measuring Volume in Millilitres and Litres</b> To measure volume using millilitres and litres. <b>NB: Homework: Lesson 4)</b>	<b>Lesson 5: Writing Volume in Litres and Millilitres</b> To measure volume using millilitres and litres in comparison to 1 l.	<b>Lesson 6: Writing Capacity in Litres and Millilitres</b> To measure larger capacity in litres and millilitres.
<b>5 Chapter 7: Volume</b>			<b>Chapter 8: Money</b>	
<b>Lesson 7: Solving Word Problems</b> To solve basic word problems related to volume.	<b>Lesson 8: Solving Word Problems</b> To solve more word problems.	<b>Chapter 7 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Counting Amounts of Money</b> To be able to find a total amount of money by counting on.	<b>Lesson 2: Showing Amounts of Money</b> To be able to show amounts of money using different combinations of coins.
<b>6 Chapter 8: Money</b> <b>NB: review each worksheet to highlight or move calculations to be completed in maths books</b>				
<b>Lesson 3: Adding Money</b> To be able to add pounds and pence without renaming.	<b>Lesson 4: Adding Money</b> To be able to add pounds and pence with renaming.	<b>Consolidation of money</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 5: Subtracting Money</b> To be able to subtract pounds and pence without renaming.	<b>Lesson 6: Subtracting Money</b> To be able to subtract pounds and pence with renaming.
<b>Break for half term (Homework: telling the time to the nearest 5 minutes; addition &amp; subtraction of money)</b>				

# Year 3 coverage overview

<b>Spring 2: 30 lessons</b>				
<b>1 Chapter 8: Money</b>				
<b>Lesson 7: Subtracting Money</b> To be able to compare amounts of money and find the difference by subtracting.	<b>Lesson 8: Calculating Change <u>over 2 days, if needed</u></b> To be able to find the amount of change left from a given amount of money after a purchase.	<b>Consolidation of money or use for 2 days on L.8</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 9: Solving word Problems (over 2 days)</b> To be able to solve word problems involving addition and subtraction of money.	<b>Lesson 9: Solving word Problems (over 2 days)</b>
<b>2</b>				
<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Chapter 8 review and consolidation</b> To practise various concepts covered in the chapter	SPRING TEST: arithmetic  <i>(according to school timetable)</i>	SPRING TEST: reasoning  <i>(according to school timetable)</i>	SPRING TEST: reasoning  <i>(according to school timetable)</i>
<b>3 Chapter 9: Telling the Time</b>				
<b>ADDITIONAL LESSON: Teach reading the time on analogue clock</b>	<b>ADDITIONAL LESSON:</b> Recap reading time to 5 minutes. Year 2: Bk2B, Ch. 14, L.1	<b>Lesson 1: Telling the Time</b> To be able to tell time using a.m./p.m.	<b>Lesson 2: Telling the Time</b> To be able to tell time to the minute.	<b>Lesson 3: Telling the Time</b> To be able to tell time
<b>4 Chapter 9: Telling the Time</b>				
<b>Lesson 4: Telling the Time</b> To be able to tell time to the minute using vocabulary, such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.	<b>Lesson 5: Telling the Time <u>over 2 days</u></b> To be able to tell and write the time from 12-hour and 24-hour clocks.	<b>Lesson 5: Telling the Time <u>over 2 days</u></b>	<b>Lesson 6: Telling the Time</b> To be able to tell the time on an analogue clock using Roman numerals.	<b>Lesson 8: Measuring and Comparing Time in Seconds</b> To be able to measure and compare time in seconds using a stopwatch.
<b>5 Chapter 9: Telling the Time</b>				
<b>Lesson 9: Measuring and Comparing Time in Seconds</b> To be able to measure and compare time in seconds using an analogue clock.	<b>Lesson 10: Finding Durations in Minutes <u>over 2 days</u></b> To be able to find durations of time in minutes.	<b>Lesson 10: Finding Durations in Minutes <u>over 2 days</u></b>	<b>Lesson 11: Finding Start and End Times</b> To be able to find start or end times for events given the duration in minutes.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited. <b>NB: Use where needed in Ch.9.</b>
<b>6 Chapter 9: Telling the Time</b>				
<b>Lesson 12: Finding Durations in Hours</b> To be able to find durations of events in hours.	<b>Lesson 13: Finding Start and End Times</b> To be able to find start or end times for events given the duration in hours.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 14: Converting Minutes to Seconds</b> To be able to convert minutes into seconds.	<b>Lesson 15: Converting Seconds to Minutes</b> To be able to convert seconds into minutes.
<b>Easter holiday break (Homework: telling the time to the nearest 5 minutes; 2, 3, 4, 5, 8 &amp; 10 times tables)</b>				

# Year 3 coverage overview

Summer 1: 22 lessons				
<b>1</b>		<b>Chapter 9: Telling the Time</b>		<b>Ch 10: Graphs</b>
<b>Easter Monday</b>	INSET day	<b>Lesson 16: Finding Number of Days</b> To be able to find the number of days in each month, year and leap year.	<b>Chapter 9 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Drawing Pictograms</b> To be able to present data using pictograms.
<b>2 Chapter 10: Pictograms and Bar Graphs</b>				
<b>Lesson 2: Drawing Bar Graphs</b> To be able to present data using bar graphs.  <b>NB: In preparation for workbook, show bar chart horizontally as well as vertically</b>	<b>Lesson 3: Reading Bar Graphs</b> To be able to interpret data presented in a bar graph.	<b>Lesson 4: Reading Bar Graphs</b> To be able to interpret data presented in scaled bar graphs.	<b>Chapter 10 review and consolidation</b> To practise various concepts covered in the chapter	<b>ADDITIONAL LESSON:</b> Revisit formal methods for 4-operations
<b>3 Chapter 11: Fractions</b>				
<b>May Bank holiday</b>	<b>Lesson 1: Counting in Tenths</b> To be able to count in tenths.	<b>Lesson 2: Fractions as Division</b> To be able to relate fractions to division.	<b>Lesson 3: Finding part of a Set</b> To be able to recognise, find and write fractions of a discrete set of objects.	<b>Lesson 4: Finding Part of a Set over 2 days</b> To be able to recognise, find and write fractions of a discrete set of objects.
<b>4 Chapter 11: Fractions</b>				
<b>Lesson 4: Finding Part of a Set over 2 days</b>	<b>Lesson 5: Finding Equivalent Fractions</b> To be able to recognise and show equivalent fractions.	<b>Lesson 6: Finding Equivalent Fractions</b> To be able to find equivalent fractions.	<b>Consolidation of (equivalent fractions)</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 7: Comparing and Ordering Fractions</b> To be able to compare and order fractions with the same denominator.
<b>5 Chapter 11: Fractions</b>				
<b>Lesson 8: Comparing and Ordering Fractions</b> To be able to compare and order unit fractions	<b>Lesson 9: Comparing and Ordering fractions</b> To be able to compare and order fractions with different denominators.	<b>Consolidation</b> To be used if lessons take longer than expected or a topic needs to be revisited.	<b>Lesson 10: Adding Fractions</b> To be able to add fractions with the same denominator within 1 whole.	<b>Lesson 11: Subtracting Fractions</b> To be able to subtract fractions with the same denominator within 1 whole.
<b>Break for half term (Homework: Telling the time to the nearest 5-minutes; 2, 3, 4, 5, 8 &amp; 10 times tables)</b>				

# Year 3 coverage overview

<b>Summer 2: 37 lessons</b>				
<b>1 Chapter 11: Fractions</b>				
<b>Lesson 12: Subtracting Fractions From 1</b> To be able to subtract a fraction from 1 whole.	<b>Lesson 13: Solving Word Problems</b> To be able to solve word problems involving fractions and measurements.  <i><b>NB: Alter questions in guided practice and independent to 1-step problems only!</b></i>	<b>Lesson 14: Solving word Problems (over 2 days)</b> To be able to solve word problems involving addition and subtraction of fractions with the same denominator.	<b>Lesson 14: Solving word Problems (over 2 days)</b>	<b>Consolidation of fractions</b> To be used if lessons take longer than expected or a topic needs to be revisited.
<b>2 Chapter 12: Angles</b>				
<b>Chapter 11 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Making Angles</b> To be able to identify angles and recognise them as a description of a turn.	<b>Lesson 2: Finding Right Angles</b> To be able to identify right angles.	<b>Lesson 3: Finding Different Angles</b> To be able to recognise angles as a property of shape.	<b>Lesson 4: Finding Angles in Shapes</b> To be able to recognise angles as a property of shape.
<b>3 Chapter 12: Angles</b>			<b>Ch.13: Lines &amp; Shapes</b>	
<b>Lesson 5: Comparing Angles</b> To be able to identify right, obtuse and acute angles.	<b>Lesson 6: Comparing Angles</b>	<b>Chapter 12 review and consolidation</b> To practise various concepts covered in the chapter	<b>Lesson 1: Identifying Perpendicular Lines</b> To be able to identify perpendicular lines.	<b>Lesson 2: Identifying Parallel Lines</b> To be able to identify parallel lines.
<b>4 Chapter 13: Lines and Shapes</b>				
<b>Lesson 3: Finding Vertical and Horizontal Lines</b> To be able to identify horizontal and vertical lines.	<b>Lesson 4: Drawing Two-Dimensional Shapes</b> To be able to draw 2D shapes.	<b>Lesson 5: Describing Three-Dimensional Shapes</b> To be able to describe 3D shapes.	<b>Chapter 13 review and consolidation</b> To practise various concepts covered in the chapter	<b>ADDITIONAL LESSON:</b> Revisit formal methods for 4-operations  <i><b>NB: According to class needs.</b></i>
<b>5 Chapter 14: Perimeter of Figures</b>				
<b>Lesson 1: Measuring Total Length Around a Shape</b> To be able to measure the total length of 2D shapes.	<b>Lesson 2: Measuring Perimeter</b> To be able to measure the perimeter of 2D shapes.	<b>Lesson 3: Measuring Perimeter</b> To be able to measure the perimeter of 2D shapes.	<b>Lesson 4: Measuring Perimeter</b> To be able to measure the perimeter of 2D shapes.	<b>Lesson 5: Measuring Perimeter</b> To be able to measure the perimeter of 2D shapes.
<b>6 Chapter 14: Perimeter of Figures (No Ch.14 review)</b>				
<b>Lesson 6: Calculating Perimeter</b> To be able to calculate the perimeter of 2D shapes.	<b>Lesson 7: Calculating Perimeter</b> To be able to measure the perimeter of 2D shapes.  <i><b>NB: Use Lesson 8 or 9: Calculating Perimeter for deepening</b></i>	<b>SUMMER TEST: arithmetic</b>  <i><u>(according to school timetable)</u></i>	<b>SUMMER TEST: reasoning</b>  <i><u>(according to school timetable)</u></i>	<b>SUMMER TEST: reasoning</b>  <i><u>(according to school timetable)</u></i>
<b>7 Test, review and remediation (MATHS WEEK)</b>				
<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>
<b>8 Test, review and remediation</b>				
<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>	<b>Revision and Mid-year Tests (B)</b>  <b>Review and Remediation</b>	<b>Summer break</b>		
<b>Summer holiday break</b>				