

Year 3 coverage overview

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

Autumn 2: 34 lessons				
1 Chapter 3: Multiplication and Division				
INSET day	Lesson 8: Dividing by 3 To be able to use the 3 times table for division.	Lesson 9: Dividing by 4 To be able to use the 4 times table for division.	Lesson 10: Multiplying and Dividing To be able to understand the relationship between multiplication and division.	Lesson 11: Dividing by 4 and 8 To divide by 4 and 8.
2 Chapter 3: Multiplication and Division				
Lesson 12: Solving Word Problems To solve word problems with multiplication.	Lesson 13: Solving Word Problems <u>over 2 days</u> To solve word problems involving division.	Lesson 13: Solving Word Problems <u>over 2 days</u>	Lesson 14 Solving Word Problems <u>over 2 days</u> To be able to solve word problems involving multiplication and division. (Deepening Lesson 15)	Lesson 14 Solving Word Problems <u>over 2 days</u>
3			Chapter 4: Further Multiplication and Division	
AUTUMN TEST <i>(according to school timetable)</i>	AUTUMN TEST <i>(according to school timetable)</i>	AUTUMN TEST <i>(according to school timetable)</i>	Lesson 1: Multiplying 2-Digit Numbers To multiply multiples of 10 by a 1-digit number.	Lesson 2: Multiplying 2-Digit Numbers To multiply any 2-digit number by a 1-digit number.
4 Chapter 4: Further Multiplication and Division				
Lesson 3: Multiplying 2-Digit Numbers To multiply more 2-digit numbers.	Lesson 4: Multiplying 2-Digit Numbers with Renaming To multiply with renaming.	Lesson 5: Multiplying with Renaming To multiply with renaming.	ADDITIONAL LESSON: spend time practicing and reinforcing compact method.	Consolidation of formal multiplication To be used if lessons take longer than expected or a topic needs to be revisited.
5 Chapter 4: Further Multiplication and Division				
Consolidation of formal multiplication using simple word problems To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 6: Dividing 2-Digit Numbers To understand simple division of a 2-digit number by a 1-digit number. <i>* Useful link to share with the children below</i>	Lesson 7: Dividing with Renaming To divide where there is a need to rename.	Lesson 8: Dividing with Regrouping To use long division to divide.	Consolidation of long division To be used if lessons take longer than expected or a topic needs to be revisited.
6 Further Multiplication & Division			Chapter 5: Length	
Consolidation of long division using simple word problems To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 9: Solving Word Problems <u>over 2 days</u> To solve word problems involving multiplication.	Lesson 9: Solving Word Problems <u>over 2 days</u>	Lesson 1: Writing Length in Metres and Centimetres To use metres and centimetres to measure objects.	Lesson 2: Writing Length in Centimetres To write length in centimetres only by converting metres to centimetres.
7 Chapter 5: Length				
Lesson 3: Writing Length in Centimetres and Millimetres To be able to read and write length in centimetres and millimetres.	Lesson 4: Writing Length in Millimetres To be able to read and write length in millimetres.	Lesson 5: Comparing Length To compare two lengths.	Lesson 6: Solving Word Problems To solve measurement-related word problems.	Lesson 7: Solving Word Problems To solve measurement-related word problems
Christmas holiday break (Homework: telling the time – o'clock, ½ past, ¼ past/to)				

*Teaching 'bus stop' method for division:

https://www.google.com/search?q=teaching+formal+division+with+counters&rlz=1C1GCEB_enGB858GB869&og=teaching+formal+division+with+counters&gs_lcrp=EgZjaHJvBWUyBggAEEUYOTIHCAEQIRigAdiBCjIwMij2ajBqMTWoAgiwAgHxBbl96z8ygpMT&sourceid=chrome&ie=UTF-8#fpstate=ive&vld=cid:b5b3f8b6,vid:4EcMON3F1yE,st:0

Year 3 coverage overview

Spring 1: 29 lessons				
1 Chapter 5: Length				Chapter 6: Mass
INSET day	ADDITIONAL LESSON: Revisit formal multiplication and division methods	ADDITIONAL LESSON: Simple <u>multiplication and/or division</u> word problems using involving length	Chapter 5 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Reading Weighing Scales To measure mass using weighing scales and compare the mass of objects using grams and kilograms.
2 Chapter 6: Mass				
Lesson 2: Reading Weighing Scales To use weighing scales to measure mass when the mass is between multiples of 100 g.	Lesson 3: Reading Weighing Scales 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.)	Lesson 5: Solving Word Problems To solve word problems relating to mass with addition and subtraction.	Lesson 6: Solving Word Problems To solve word problems relating to mass using multiplication.	Lesson 7: Solving Word Problems (over 2 days) To solve word problems relating to mass using division.
3 Chapter 6: Mass		Review and recap		
Lesson 7: Solving Word Problems (over 2 days)	Chapter 6 review and consolidation To practise various concepts covered in the chapter	Revision and Mid-year Tests (A)	Revision and Mid-year Tests (A)	Revision and Mid-year Tests (A)
4 Chapter 7: Volume				
Revision and Mid-year Tests (A)	Lesson 1: Measuring Volume in Millilitres To measure volume in millilitres.	Lesson 2: Measuring Capacity in Millilitres To measure capacity in millilitres.	Lesson 3: Measuring Volume in Millilitres and Litres To measure volume using millilitres and litres.	Lesson 5: Writing Volume in Litres and Millilitres To measure volume using millilitres and litres in comparison to 1 l.
5 Chapter 7: Volume				Chapter 8: Money
Lesson 6: Writing Capacity in Litres and Millilitres To measure larger capacity in litres and millilitres.	Lesson 7: Solving Word Problems To solve basic word problems related to volume.	Lesson 8: Solving Word Problems To solve more word problems.	Chapter 7 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Counting Amounts of Money To be able to find a total amount of money by counting on.
6 Chapter 8: Money				
Lesson 2: Showing Amounts of Money To be able to show amounts of money using different combinations of coins.	Lesson 3: Adding Money To be able to add pounds and pence without renaming.	Lesson 4: Adding Money To be able to add pounds and pence with renaming.	Lesson 5: Subtracting Money To be able to subtract pounds and pence without renaming.	Consolidation of money To be used if lessons take longer than expected or a topic needs to be revisited.
Break for half term (Homework: telling the time to the nearest 5 minutes; addition & subtraction of money)				

Year 3 coverage overview

Spring 2: 25 lessons				
1 Chapter 8: Money				
Lesson 6: Subtracting Money To be able to subtract pounds and pence with renaming.	Lesson 7: Subtracting Money To be able to compare amounts of money and find the difference by subtracting.	Lesson 8: Calculating Change over 2 days, if needed To be able to find the amount of change left from a given amount of money after a purchase.	Use for 2 days on L.8 or as consolidation of money To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 9: Solving word Problems (over 2 days) To be able to solve word problems involving addition and subtraction of money.
2				
Lesson 9: Solving word Problems (over 2 days)	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Chapter 8 review and consolidation To practise various concepts covered in the chapter	SPRING TEST <u>(according to school timetable)</u>	SPRING TEST <u>(according to school timetable)</u>
3 Chapter 9: Telling the Time				
SPRING TEST <u>(according to school timetable)</u>	ADDITIONAL LESSON: Teach reading the time on analogue clock	ADDITIONAL LESSON: Recap reading time to 5 minutes.	Lesson 1: Telling the Time To be able to tell time using a.m./p.m.	Lesson 2: Telling the Time To be able to tell time to the minute.
4 Chapter 9: Telling the Time				
Lesson 3: Telling the Time To be able to tell time, using 'time vocabulary'	Lesson 4: Telling the Time To be able to tell time to the minute using vocabulary, such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.	Lesson 5: Telling the Time over 2 days To be able to tell and write the time from 12-hour and 24-hour clocks.	Lesson 5: Telling the Time over 2 days	Lesson 6: Telling the Time To be able to tell the time on an analogue clock using Roman numerals.
5 Chapter 9: Telling the Time				
Lesson 9: Measuring and Comparing Time in Seconds To be able to measure and compare time in seconds using an analogue clock.	Lesson 10: Finding Durations in Minutes over 2 days To be able to find durations of time in minutes.	Lesson 10: Finding Durations in Minutes over 2 days	Lesson 11: Finding Start and End Times To be able to find start or end times for events given the duration in minutes.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
Easter holiday break (Homework: telling the time to the nearest 5 minutes; 2, 3, 4, 5, 8 & 10 times tables)				

Year 3 coverage overview

Summer 1: 28 lessons				
1 Chapter 9: Telling the Time				
INSET DAY	Lesson 12: Finding Durations in Hours To be able to find durations of events in hours.	Lesson 13: Finding Start and End Times To be able to find start or end times for events given the duration in hours.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 14: Converting Minutes to Seconds To be able to convert minutes into seconds.
2 Chapter 9: Telling the Time			Chapter 10: Pictograms and Bar Graphs	
Lesson 15: Converting Seconds to Minutes To be able to convert seconds into minutes.	Lesson 16: Finding Number of Days To be able to find the number of days in each month, year and leap year.	Chapter 9 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Drawing Pictograms To be able to present data using pictograms.	Lesson 2: Drawing Bar Graphs To be able to present data using bar graphs.
3 Chapter 10: Pictograms and Bar Graphs				
Lesson 3: Reading Bar Graphs To be able to interpret data presented in a bar graph.	Lesson 4: Reading Bar Graphs To be able to interpret data presented in scaled bar graphs.	Chapter 10 review and consolidation To practise various concepts covered in the chapter	ADDITIONAL LESSON: Revisit formal methods for 4-operations	ADDITIONAL LESSON: Revisit formal methods for 4-operations
4 Chapter 11: Fractions				
May bank holiday	Lesson 1: Counting in Tenths To be able to count in tenths.	Lesson 2: Fractions as Division To be able to relate fractions to division.	Lesson 3: Finding part of a Set To be able to recognise, find and write fractions of a discrete set of objects.	Lesson 4: Finding Part of a Set <u>over 2 days</u> To be able to recognise, find and write fractions of a discrete set of objects.
5 Chapter 11: Fractions				
Lesson 4: Finding Part of a Set <u>over 2 days</u>	Lesson 5: Finding Equivalent Fractions To be able to recognise and show equivalent fractions.	Lesson 6: Finding Equivalent Fractions To be able to find equivalent fractions.	Consolidation of (equivalent fractions) To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 7: Comparing and Ordering Fractions To be able to compare and order fractions with the same denominator.
6 Chapter 11: Fractions				
Lesson 8: Comparing and Ordering Fractions To be able to compare and order unit fractions	Lesson 9: Comparing and Ordering fractions To be able to compare and order fractions with different denominators.	Lesson 10: Adding Fractions To be able to add fractions with the same denominator within 1 whole.	Lesson 11: Subtracting Fractions To be able to subtract fractions with the same denominator within 1 whole.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
Break for half term (Homework: Telling the time to the nearest 5-minutes; 2, 3, 4, 5, 8 & 10 times tables)				

Year 3 coverage overview

Summer 2: 35 lessons				
1 Chapter 11: Fractions				
Lesson 12: Subtracting Fractions From 1 To be able to subtract a fraction from 1 whole.	Lesson 13: Solving Word Problems To be able to solve word problems involving fractions and measurements.	Lesson 14: Solving word Problems (over 2 days) To be able to solve word problems involving addition and subtraction of fractions with the same denominator.	Lesson 14: Solving word Problems (over 2 days)	Consolidation of fractions To be used if lessons take longer than expected or a topic needs to be revisited.
2 Chapter 12: Angles				
Chapter 11 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Making Angles To be able to identify angles and recognise them as a description of a turn.	Lesson 2: Finding Right Angles To be able to identify right angles.	Lesson 3: Finding Different Angles To be able to recognise angles as a property of shape.	Lesson 4: Finding Angles in Shapes To be able to recognise angles as a property of shape.
3 Chapter 12: Angles			Ch.13: Lines & Shapes	
Lesson 5: Comparing Angles To be able to identify right, obtuse and acute angles.	Lesson 6: Making Turns To be able to identify right angles & recognise two right angles make a half-turn, three right angles make three-quarters of a turn, etc	Chapter 12 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Identifying Perpendicular Lines To be able to identify perpendicular lines.	Lesson 2: Identifying Parallel Lines To be able to identify parallel lines.
4 Chapter 13: Lines and Shapes				
Lesson 3: Finding Vertical and Horizontal Lines To be able to identify horizontal and vertical lines.	Lesson 4: Drawing Two-Dimensional Shapes To be able to draw 2D shapes.	Lesson 5: Describing Three-Dimensional Shapes To be able to describe 3D shapes.	Chapter 13 review and consolidation To practise various concepts covered in the chapter	ADDITIONAL LESSON: Revisit formal methods for 4-operations.
5 Chapter 14: Perimeter of Figures				
Lesson 1: Measuring Total Length Around a Shape To be able to measure the total length of 2D shapes.	Lesson 2: Measuring Perimeter To be able to measure the perimeter of 2D shapes.	Lesson 3: Measuring Perimeter To be able to measure the perimeter of 2D shapes.	Lesson 4: Measuring Perimeter To be able to measure the perimeter of 2D shapes.	Lesson 5: Measuring Perimeter To be able to measure the perimeter of 2D shapes.
6 Chapter 14: Perimeter of Figures				
Lesson 6: Calculating Perimeter To be able to calculate the perimeter of 2D shapes.	Lesson 7: Calculating Perimeter To be able to measure the perimeter of 2D shapes.	SUMMER TEST <u>(according to school timetable)</u>	SUMMER TEST <u>(according to school timetable)</u>	SUMMER TEST <u>(according to school timetable)</u>
7 Review and recap				
Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)
Summer holiday break				