

Autumn 1: 33 lessons				
1 Chapter 1: Numbers to 1000				
INSET day Q1E	INSET day school	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 (Factual fluency: including rounding to the nearest 10)				
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. FF: Counting in 100s	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 (Factual fluency: including number sequences)				
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 (Factual fluency: including multiplication/division facts for 2, 5, 10 x tables)				
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 (Use after formal addition if needed) To be used if lessons take longer than expected or a topic needs to be revisited.
7 Chapter 2: Addition and Subtraction (Factual fluency: including ordering 3-digit numbers)				
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. (Deepening: Lesson 22)	Consolidation (Use after formal subtraction if needed) 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
Half term break (Homework: consolidation of multiplication tables learnt in year 2: x2, x5, x10s)				

Autumn 2: 38 lessons				
1 Chapter 3: Multiplication and Division (Factual fluency: including $\frac{1}{2}$ and $\frac{1}{4}$ of amounts)				
INSET day Q1E	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. Recap equal groups in factual fluency/TPL time	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. (Make links with x2 & x4 multiplication tables) Recap equal groups in factual fluency/TPL time	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.
	2 Chapter 3: Multiplication and Division			
Lesson 7: Multiplying by 8 To be able to recall and use the 8 times table.	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.
3 Chapter 3: Multiplication and Division (Factual fluency: including reading data from pictograms/basic bar graphs)				
Lesson 12: Solving Word Problems To solve word problems with multiplication.	Lesson 13: Solving Word Problems (over 2 days) To solve word problems involving division.	Lesson 13: Solving Word Problems (over 2 days)	Lesson 14 Solving Word Problems (over 2 days) To be able to solve word problems involving multiplication and division. (Deepening Lesson 15)	Lesson 14 Solving Word Problems (over 2 days) (NB: No chapter review)
4			Chapter 4: Further Multiplication and Division	
AUTUMN TEST: arithmetic	AUTUMN TEST: reasoning	AUTUMN TEST: reasoning	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.
5 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.	Consolidation of formal multiplication (if needed) To be used if lessons take longer than expected or a topic needs to be revisited.	Consolidation of formal multiplication using simple word problems To be used if lessons take longer than expected or a topic needs to be revisited.
6 Chapter 4: Further Multiplication and Division (Factual fluency: including reading time – o'clock & $\frac{1}{2}$ past)				
Lesson 6: Dividing 2-Digit Numbers To understand simple division of a 2-digit number by a 1-digit number.	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 (if needed) To be used if lessons take longer than expected or a topic needs to be revisited.	Consolidation of long division using simple word problems To be used if lessons take longer than expected or a topic needs to be revisited.
7				
Lesson 9: Solving Word Problems (over 2 days) To solve word problems involving multiplication.	Lesson 9: Solving Word Problems (over 2 days) (NB: No chapter review)	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.	Lesson 3: Writing Length in Centimetres and Millimetres To be able to read and write length in centimetres and millimetres.
8 Chapter 5: Length (Factual fluency: including reading time – $\frac{1}{2}$ past, $\frac{1}{4}$ past/to)				
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 break
Christmas break (Homework: telling the time)				

Spring 1: 24 lessons				
1 Chapter 5: Length				Chapter 6: Mass
INSET day school	ADDITIONAL LESSON: Simple multiplication and/or division word problems using involving length	ADDITIONAL LESSON: Simple multiplication and/or division 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.) <i>(Use L.4 as deepening)</i>	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 Test, review and remediation				
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) Review and Remediation	Revision and Mid-year Tests (A) Review and Remediation	Revision and Mid-year Tests (A) Review and Remediation
4 Chapter 7: Volume				
Revision and Mid-year Tests (A) Review and Remediation	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. <i>(Homework : Lesson 4)</i>	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.
Break for half term				

Spring 2: 29 lessons				
1 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.	Lesson 6 : Subtracting Money To be able to subtract pounds and pence with renaming.
2 Chapter 8: Money				
Lesson 7 : Subtracting Money To be able to compare amounts of money and find the difference by subtracting.	Lesson 8: Calculating Change To be able to find the amount of change left from a given amount of money after a purchase.	Consolidation 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.	Lesson 9: Solving word Problems (over 2 days)
3 Chapter 9: Telling the Time				
Chapter 8 review and consolidation To practise various concepts covered in the chapter	ADDITIONAL LESSON: Recap reading time to 5 minutes. Year 2: Bk2B, Ch. 14, L.1	SPRING TEST: arithmetic	SPRING TEST: reasoning	SPRING TEST: reasoning
4 Chapter 9: Telling the Time				
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.	Lesson 4: Telling the Time (over 2 days) 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 4: Telling the Time (over 2 days)	Lesson 5: Telling the Time (over 2 days) To be able to tell and write the time from 12-hour and 24-hour clocks.
5 Chapter 9: Telling the Time				
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.	Lesson 8: Measuring and Comparing Time in Seconds To be able to measure and compare time in seconds using a stopwatch.	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.
6 Chapter 9: Telling the Time				
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.	Lesson 12: Finding Durations in Hours To be able to find durations of events in hours.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Easter break
Easter break				

Summer 1: 28 or 29 lessons (check INSET)				
1 Chapter 9: Telling the Time				
INSET day school: Belleville, Belleville Wix, The Alton Churchfields: ADDITIONAL LESSON: Revisit formal methods for 4-operations	Lesson 13: Finding Start and End Times To be able to find start or end times for events given the duration in hours.	Lesson 14: Converting Minutes to Seconds To be able to convert minutes into seconds.	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.
2 Chapter 10: Pictograms and Bar Graphs				
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.	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.
3 Chapter 11: Fractions				
Chapter 9 review and consolidation To practise various concepts covered in the chapter	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 (over 2 days) To be able to recognise, find and write fractions of a discrete set of objects.
4 Chapter 11: Fractions				
May Bank holiday	Lesson 4: Finding Part of a Set (over 2 days)	Lesson 5: Finding Equivalent Fractions over 2 days 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.
5 Chapter 11: Fractions				
Lesson 7: Comparing and Ordering Fractions To be able to compare and order fractions with the same denominator.	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.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Lesson 10: Adding Fractions To be able to add fractions with the same denominator within 1 whole.
6 Chapter 11: Fractions				
Lesson 11: Subtracting Fractions To be able to subtract fractions with the same denominator within 1 whole.	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. (Alter questions in guided practice and independent to 1-step problems only!)	Consolidate formal methods (According to class needs)	Consolidate formal methods (According to class needs)
Break for half term Homework:				

Summer 2: 37 or 38 lessons (check INSET)				
1 Chapter 11: Fractions				
INSET day school: Churchfields Belleville, Belleville Wix, The Alton: ADDITIONAL LESSON: Revisit formal methods for 4-operations	Consolidation of fractions	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)	Chapter 11 review and consolidation To practise various concepts covered in the chapter
2 Chapter 12: Angles				
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.	SUMMER TEST: arithmetic	SUMMER TEST: reasoning
3 Chapter 12: Angles				
SUMMER TEST: reasoning	Lesson 4: Finding Angles in Shapes To be able to recognise angles as a property of shape.	Lesson 5: Comparing Angles To be able to identify right, obtuse and acute angles.	Chapter 12 review and consolidation To practise various concepts covered in the chapter	Ch.13: Lines & Shapes Lesson 1: Identifying Perpendicular Lines To be able to identify perpendicular lines.
4 Chapter 13: Lines and Shapes				
Lesson 2: Identifying Parallel Lines To be able to identify parallel lines.	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
5 Chapter 14: Perimeter of Figures				
ADDITIONAL LESSON: Revisit formal methods for 4-operations	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.
6 Chapter 14: Perimeter of Figures				
Lesson 5: Measuring Perimeter To be able to measure the perimeter of 2D shapes.	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.	Lesson 8: Calculating Perimeter To be able to solve problems about perimeter. <i>(Deepening Lesson 9)</i>	Chapter 14 review and consolidation To practise various concepts covered in the chapter
7 Test, review and remediation				
Revision and Mid-year Tests (B) Review and Remediation	Revision and Mid-year Tests (B) Review and Remediation	Revision and Mid-year Tests (B) Review and Remediation	Revision and Mid-year Tests (B) Review and Remediation	Revision and Mid-year Tests (B) Review and Remediation
8 Test, review and remediation				
Revision and Mid-year Tests (B) Review and Remediation	Revision and Mid-year Tests (B) Review and Remediation	Revision and Mid-year Tests (B) Review and Remediation	Summer break	
Summer break				