

Autumn 1: 33 lessons				
1 Chapter 1: Numbers to 100				
INSET day Q1E	INSET day school	Lesson 1: Counting to 100 over two days To count numbers up to 100 using concrete objects: counting up by ones and tens.	Lesson 1: Counting to 100 over two days	Lesson 2: Place Value over two days To understand each digit in a number has its own value.
2 Chapter 1: Numbers to 100				
Lesson 2: Place Value over two days	Lesson 3: Comparing Numbers To compare numbers using place-value knowledge from previous lessons.	Lesson 4: Number Bonds To use the number bond strategy to deepen understanding of place value.	Lesson 5: Number Patterns over two days To count in ones and tens; to introduce boundary crossing using tens and ones.	Lesson 5: Number Patterns over two days
3 Chapter 1: Numbers to 100			Chapter 2: Addition and subtraction	
Lesson 6: Number Patterns over 2 days To recognise and describe patterns with more complex numbers, in particular 3 and 5.	Lesson 6: Number Patterns over 2 days	Chapter 1 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Simple Adding To add a single-digit number to a double-digit number without regrouping the ones.	Lesson 2: Simple Adding To add tens by recognising its relationship to adding ones.
4 Chapter 2: Addition and subtraction				
Lesson 3: Simple Adding To add double-digit numbers where one is a multiple of 10.	Lesson 4: Simple Adding over 2 days To add with tens and ones where the ones are both more than 0.	Lesson 4: Simple Adding over 2 days	Lesson 5: Adding with Renaming over 2 days To add single-digit numbers to a double-digit number resulting in renaming of ones.	Lesson 5: Adding with Renaming over 2 days
5 Chapter 2: Addition and subtraction				
Lesson 6: Adding with Renaming over 2 days To add 2 double-digit numbers where renaming is expected.	Lesson 6: Adding with Renaming over 2 days	Lesson 7: Simple Subtracting To subtract ones from a 2-digit number.	Lesson 8: Simple Subtracting To subtract 2-digit multiples of 10 from 2-digit multiples of 10.	Lesson 9: Simple Subtracting To subtract tens from a 2-digit number with the ones being more than zero.
6 Chapter 2: Addition and subtraction				
Lesson 10: Simple Subtracting over 2 days To subtract a 2-digit number by another 2-digit number.	Lesson 10: Simple Subtracting over 2 days	Lesson 11: Subtraction from Multiples of 10 over 2 days To subtract within 100 by applying related 1-digit addition and subtraction facts.	Lesson 11: Subtraction from Multiples of 10 over 2 days	Lesson 12: Subtracting with Renaming over 2 days To subtract a 2-digit number by a 1-digit number with renaming.
7 Chapter 2: Addition and subtraction				
Lesson 12: Subtracting with Renaming over 2 days	Lesson 13: Subtracting with Renaming over 2 days To subtract a 2-digit number from another 2-digit number where renaming has to occur.	Lesson 13: Subtracting with Renaming over 2 days	Lesson 14: Addition of Three Numbers To add three single-digit numbers.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
Half term break (Homework: Telling the time hour/half past)				

Autumn 2: 38 lessons				
1 Chapter 3: Multiplication of 2, 5 and 10				
INSET day Q1E	Chapter 2 review and consolidation To practise various concepts covered in the chapter	ADDITIONAL LESSON: Embed addition and subtracting with renaming Revisit responding to feedback, using a ruler presentation expectation, digit formation, lesson expectations, etc	Lesson 1: Multiplication as Equal Groups To realise that multiplication is the same as repeated addition with equal groups.	Lesson 2: 2 Times Table To focus on understanding and learning the 2 times table.
2 Chapter 3: Multiplication of 2, 5 and 10				
Lesson 3: 2 Times Table To use concrete materials and pictorial representations to multiply by 2.	Lesson 4: 5 Times Table To cover the basics of the 5 times table and to highlight multiplication visually as equal groups.	Lesson 5: 5 Times Table Recall and use the 5 times table.	Lesson 6: 10 Times Table To introduce the 10 times table by focusing on the numbers found in the 10 times table.	Lesson 7: 10 Times Table To look at the 10 times table in more detail by looking at patterns and relationships.
3 Chapter 3: Multiplication of 2, 5 and 10				
Lesson 8: Multiplying by 2, 5 and 10 To investigate links between the 2, 5 and 10 times tables. To understand commutative law.	Lesson 9: Multiplying by 2, 5 and 10 To use knowledge of the 2, 5 and 10 times tables to further investigate commutative law.	Lesson 10: Solving Word Problems To use the 2, 5 and 10 times tables to solve word problems.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Chapter 3 review and consolidation To practise various concepts covered in the chapter
4 Chapter 4: Multiplication and Division of 2, 5 and 10				
Lesson 1: Grouping To understand that grouping is a way of dividing.	Lesson 2: Sharing To be able to divide by sharing an amount.	Lesson 3: Dividing by 2 To be able to divide by 2. The two strategies used here are splitting into groups of x and splitting into equal groups of many.	Lesson 4: Dividing by 5 To be able to divide by 5 and identify links with multiplying by 5.	AUTUMN TEST: arithmetic
5 Chapter 4: Multiplication and Division of 2, 5 and 10				
Consolidation To be used if lessons take longer than expected or a topic needs to be revisited	Lesson 5: Dividing by 10 To be able to divide by 10 and identify links with multiplying by 10.	Lesson 6: Multiplication and Division Use multiplication and division skills to identify family facts in a number sentence.	Lesson 7: Solving Word Problems (over 2 days) Understand and solve word problems which require the use of the multiplication and division skills in this chapter.	Lesson 7: Solving Word Problems (over 2 days)
6 Chapter 4: Multiplication & Division of 2, 5 & 10				Chapter 5: Length
Lesson 8: Odd and Even Numbers To be able to link whether odd or even numbers can be divisible by 2, 5 or 10.	Chapter 4 review and consolidation To practise various concepts covered in the chapter.	ADDITIONAL LESSON: Relationship between addition and subtraction & inverse (fact families)	ADDITIONAL LESSON: Missing numbers	Lesson 1: Measuring Length In Metres To measure length in metres.
7 Chapter 5: Length				
Lesson 2: Measuring Length in Centimetres To measure length in centimetres.	Lesson 3: Comparing Length in Metres To be able to compare length for objects using 'greater than' and 'less than' symbols.	Lesson 4: Comparing Length in Centimetres To be able to compare different lengths using centimetres as the unit of measure.	Lesson 6: Solving Word Problems over 2 days To be able to solve problems involving measurement in the context of word problems.	Lesson 6: Solving Word Problems over 2 days
8 Chapter 5: Length				
Lesson 7: Solving Word Problems To be able to solve addition and multiplication word problems involving measurement.	Lesson 8: Solving Word Problems over 2 days To be able to solve addition and division word problems involving measurement.	Lesson 8: Solving Word Problems over 2 days	Chapter 5 review and consolidation To practise various concepts covered in the chapter.	Christmas break
Christmas holiday break				

Spring 1: 25 lessons				
1 Chapter 6: Mass				
INSET day school	ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming	Lesson 1: Measuring Mass in Kilograms To understand that mass is measured in kilograms and by using weighing scales.	Lesson 2 : Measuring Mass in Grams To measure mass in grams and to understand that it is a smaller unit of measure than kilograms.	Lesson 3: Measuring Mass in Grams To measure mass accurately in grams using weighing scales.
2 Chapter 6: Mass				
Lesson 4: Comparing Masses of Two Objects To compare the mass of two different objects accurately.	Lesson 6: Solving Word Problems To solve word problems in the context of mass.	Lesson 7: Solving More Word Problems over 2 days To solve word problems involving mass.	Lesson 7: Solving More Word Problems over 2 days	Chapter 6 review and consolidation To practise various concepts covered in the chapter.
3 Chapter 7: Temperature				
Consolidation To be used if lessons take longer than expected or a topic needs to be revisited. Renaming – addition & subtraction	Lesson 1: Reading Temperature To accurately read temperature in Celsius.	Lesson 2: Estimating temperature To estimate temperature and to read thermometers to confirm the estimate.	Chapter 7 review and consolidation To practise various concepts covered in the chapter.	Lesson 1: Reading Pictograms To be able to read a picture graph with confidence.
4 Chapter 8: Pictograms				
Lesson 2: Reading Pictograms To be able to read and interpret a picture graph with confidence.	Lesson 3: Reading Pictograms To read and interpret a picture graph where the value of the picture can represent more than 1.	Lesson 4: Reading Pictograms To read and interpret a picture graph where the value of the picture can represent more than 1.	Lesson 5: Reading Pictograms To be able to read, interpret and create a pictogram where the value of the picture can represent more than 1.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
5				
Chapter 8 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)	Revision and Mid-year Tests (A)
Half term (Homework: recognising coins and notes)				

Spring 2: 29 lessons				
1 Chapter 10: Money				
Lesson 1: Writing Amounts of Money To identify standard UK coins and notes and write their names.	Lesson 2: Counting Money Using Notes To count notes in sequences of 5 and 10; to recognise the value of notes by appearance.	Lesson 3: Counting Money Using Coins To count coins in sequences of their value; to recognise the value of coins by appearance.	Lesson 4: Counting Money To represent amounts of money using coins and notes; to count coins and notes using their denominations.	Lesson 5: Showing Equal Amounts of Money To create equal amounts of money using different coins.
2 Chapter 10: Money				
Lesson 6: Exchanging Money To exchange denominations of money for different coins.	Lesson 8: Calculating Total Amount To add money together to determine the total amount.	L9: Calculating Change To calculate change; to use the bar model approach to represent amounts of money.	Chapter 10 review and consolidation To practise various concepts covered in the chapter.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
3 Chapter 11: 2-D Shapes				
Lesson 1: Identifying Sides To identify the number of sides on basic 2-D shapes.	Lesson 2: Identifying Vertices To identify and count the vertices in regular polygons.	Lesson 3: Identifying Lines of Symmetry To identify lines of symmetry in basic 2-D shapes.	SPRING TESTS: arithmetic	SPRING TESTS: reasoning
4 Chapter 11: Two-Dimensional Shapes				
Lesson 4: Making Figures To construct shapes using pattern blocks that have lines of symmetry.	Lesson 7: Making Patterns To recognise patterns of familiar shapes and colours of up to three objects.	Lesson 9: Moving Shapes To move shapes from one position to another using common language.	Lesson 10: Turning Shapes To turn objects using $\frac{1}{4}$, $\frac{1}{2}$ & $\frac{3}{4}$ turns clockwise & anticlockwise on a square grid.	Chapter 11 review and consolidation To practise various concepts covered in the chapter.
5 Chapter 12: Three-Dimensional Shapes				
Lesson 1: Recognising Three-Dimensional Shapes To recognise 3-D shapes by identifying their properties.	Lesson 2: Describing Three-Dimensional Shapes To describe 3-D shapes and classify them using faces, vertices and edges.	Lesson 3: Describing Three-Dimensional Shapes To describe 3-D shapes based on number of faces & 2-D shapes of these faces; to construct nets of shapes into 3-D shapes.	Lesson 4: Grouping Three-Dimensional Shapes To group 3-D shapes by similar properties.	Lesson 6: Making Patterns To make and recognise patterns using 3-D shapes.
6 Chapter 13: Fractions				
Fractions Lesson 1: Showing Equal Parts To recognise that fractions represent equal parts of a whole.	Lesson 2: Showing Half and Quarter To recognise, find, name and write $\frac{1}{2}$ and $\frac{1}{4}$.	Lesson 3: Showing Quarters To recognise, find, name and write quarters.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Easter break
Easter break: Homework: counting in 2,5 and 10 and read clock for o'clock and half/quarter past				

Summer 1: 28 or 29 lessons (check INSET)				
1 Chapter 13: Fractions				
INSET day school: Belleville, Belleville Wix, The Alton	REVISIT: To revisit halves and quarters	Lesson 4: Showing Thirds To show and identify thirds in shapes; to use the vocabulary 'numerator' and 'denominator' when referring to fractions.	Lesson 5: Naming Fractions To deepen the understanding of fraction notation.	Lesson 6: Making a Whole To recognise pairs of fractions that add up to a whole.
2 Chapter 13: Fractions				
Lesson 7: Counting in Halves To recognise and write mixed numbers that are a multiple of $\frac{1}{2}$.	Lesson 8: Counting in Quarters To recognise and write mixed numbers that are a multiple of $\frac{1}{4}$.	Lesson 9: Counting in Thirds To recognise and write mixed numbers that are a multiple of $\frac{1}{3}$.	Lesson 10: Finding Part of a Set To be able to find half of a set.	ADDITIONAL LESSON: Revisit formal addition and/or subtraction with renaming
3 Chapter 13: Fractions				
SPRING TESTS: arithmetic	SPRING TESTS: reasoning	Lesson 11: Finding Part of a Set To be able to find one third or two thirds of a set.	Lesson 12: Finding Part of a Set To be able to find a fraction of a set where the denominator is 2, 3 or 4.	Lesson 13: Finding Part of a Quantity To be able to recognise, name and find a fraction of a quantity.
4 Chapter 14: Time				
May bank holiday	ADDITIONAL LESSON: Year 1, book 1B, Chapter 16: Lesson 2: Telling Time to the Half Hour To improve familiarity with the analogue clock; to tell time to the half hour using the term 'half past'.	ADDITIONAL LESSON: 15 minutes intervals (including drawing hands on clock)	Lesson 1: Telling and Writing Time to 5 Minutes To tell and write the time to 5-minute intervals.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
5 Chapter 14: Time				
Lesson 2: Telling and Writing Time To tell time to 5-minute intervals and to the hour.	Lesson 3: Sequencing Events To sequence events of the day by looking at analogue clocks and pictures.	Lesson 4: Drawing Clock Hands over 2 days To draw hands on an analogue clock to show the correct time.	Lesson 4: Drawing Clock Hands over 2 days	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
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ADDITIONAL LESSON: Additional consolidation lesson OR: <u>KS1 SATs 2023 paper.</u>	ADDITIONAL LESSON: Additional consolidation lesson OR: <u>KS1 SATs 2023 paper.</u>	ADDITIONAL LESSON: Additional consolidation lesson OR: <u>KS1 SATs 2023 paper.</u>	ADDITIONAL LESSON: Additional consolidation lesson OR: <u>KS1 SATs 2023 paper.</u>	ADDITIONAL LESSON: Additional consolidation lesson OR: <u>KS1 SATs 2023 paper.</u>
Half term homework: x2, x5, x10 multiplication tables				

Summer 2: 37 or 38 lessons (check INSET)				
1 Chapter 14: Time				
INSET day school: Churchfields	REVISIT:: To revisit lessons $\frac{1}{2}$, $\frac{1}{4}$, 5-minute intervals (could use previous year's MNP content)	Lesson 5: Finding Durations of Time over 2 days To find the duration of time using an analogue clock in 30- and 60-minute intervals.	Lesson 5: Finding Durations of Time over 2 days	Lesson 6: Finding Ending Times over 2 days To find the ending time of a duration of time from different 5-minute starting points.
2 Chapter 14: Time				
Lesson 6: Finding Ending Times over 2 days	Lesson 7: Finding Ending Times over 2 days To find the ending time of a duration of time from different 5-minute starting points.	Lesson 7: Finding Ending Times over 2 days	Lesson 8: Finding Starting Times over 2 days To find the starting time from 30-minute and 1-hour interval durations.	Lesson 8: Finding Starting Times over 2 days
3 Chapter 14: Time				
Lesson 9: Comparing Durations of Time over 2 days To compare durations of time from the least amount to the most amount of time and vice versa.	Lesson 9: Comparing Durations of Time over 2 days	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Chapter 14 review and consolidate To practise various concepts covered in the chapter.	Chapter 13 review and consolidation To practise various concepts covered in the chapter.
4 Chapter 15: Volume				
Lesson 1: Comparing Volume To compare volume in different-sized containers using the terms 'greater than', 'less than', 'greatest' and 'least'.	Lesson 2: Comparing Volume To compare the volume of different containers using non-standard units.	Lesson 3: Measuring Volume in Litres To measure volume using litres and determine whether an amount is $>$, $<$ or $=$ a litre.	Lesson 4: Measuring Volume in Millilitres To measure volume using millilitres and litres; to determine how many millilitres there are in 1 l.	Lesson 5: Solving Word Problems over 2 days To solve word problems involving bar models with litres as the standard unit.
5 Chapter 15: Volume				
Lesson 5: Solving Word Problems over 2 days	Lesson 6: Solving Word Problems over 2 days To solve word problems using ml and l, including problems involving difference.	Lesson 6: Solving Word Problems over 2 days	Lesson 7: Solving Word Problems To solve word problems involving volume and multiplication	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
6 Chapter 9: Word Problems				
Chapter 15 review and consolidate To practise various concepts covered in the chapter.	Lesson 1: Solving Word Problems over 2 days To decide when it is appropriate to add and/or subtract when solving word problems; to improve the use of bar modelling and decision making based on visual representations.	Lesson 1: Solving Word Problems over 2 days	Lesson 2: Solving Word Problems over 2 days To use the bar model method to solve word problems looking at the difference between two amounts.	Lesson 2: Solving Word Problems over 2 days
7				
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)
8				
Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Revision and Mid-year Tests (B)	Summer break	
Summer break				