

Autumn 1: 33 lessons				
1 Chapter 1: Numbers to 10				
INSET day Q1E	INSET day school	Lesson expectations: Transitions between carpet and tables Books Consolidation Deepening	Lesson 1: Counting to 10 over 2 days To be able to count numbers to 10 accurately – forwards and backwards.	Lesson 1: Counting to 10 over 2 days
2 Chapter 1: Numbers to 10				
Lesson 2: Counting Objects to 10 over 2 days To be able to count similar objects up to 10 with accuracy and fluency.	Lesson 2: Counting Objects to 10 over 2 days	Lesson 3: Writing to 10 over 2 days To be able to write all numbers to 10 in numerals & words; to count only objects of the same name in a group.	Lesson 3: Writing to 10 over 2 days	Lesson 4: Counting To Zero over 2 days To be able to understand what zero represents and use it when counting.
3 Chapter 1: Numbers to 10				
Lesson 4: Counting To Zero over 2 days	Lesson 5: Comparing Numbers of Objects over 2 days To compare objects using matching and counting; to use the terms 'fewer', 'more' and 'is equal'.	Lesson 5: Comparing Numbers of Objects over 2 days	Lesson 6: Ordering Numbers over 2 days To be able to order numbers to 10 and know which number is greater or is lesser in value.	Lesson 6: Ordering Numbers over 2 days
4 Chapter 1: Numbers to 10			Chapter 2: Number Bonds	
Lesson 7: Comparing Numbers over 2 days To compare numbers using the terms '1 more' and '1 less'.	Lesson 7: Comparing Numbers over 2 days	Chapter 1 review and consolidation To practise various concepts covered in the chapter	Lesson 1: Making Number Bonds over 2 days To understand a number is made up of other numbers; to find other ways as possible to construct a number.	Lesson 1: Making Number Bonds over 2 days
5 Chapter 2: Number Bonds			Chapter 3: Addition Within 10	
Lesson 2: Making Number Stories over 2 days To use number bonds for storytelling.	Lesson 2: Making Number Stories over 2 days	Chapter 2 review and consolidation To practise various concepts covered in the chapter.	Lesson 1: Add By Using Number Bonds over 2 days To be able to add two different numbers within 10. Pupils will become familiar with the different vocabulary associated with addition.	Lesson 1: Add By Using Number Bonds over 2 days
6 Chapter 3: Addition Within 10 FF: topics not revisited - shape or complex concepts e.g. missing number equations				
Lesson 2: Add by Counting On over 2 days To add by counting on.	Lesson 2: Add by Counting On over 2 days	Lesson 3: Completing Number Sentences over 2 days To complete number sentences and gain an understanding of inverse operations.	Lesson 3: Completing Number Sentences over 2 days	Lesson 4: Making Addition Stories over 2 days To be able to make addition stories using correct vocabulary.
7 Chapter 3: Addition Within 10				
Lesson 4: Making Addition Stories over 2 days	Lesson 5: Solving Picture Problems over 2 days To be able to solve addition problems through pictures.	Lesson 5: Solving Picture Problems over 2 days	Chapter 3 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.
Half term break				

Autumn 2: 38 lessons				
1 Chapter 4: Subtraction Within 10				
INSET day Q1E	Lesson 1: Subtract by Crossing over 2 days To understand that subtraction can be done by crossing out or taking away.	Lesson 1: Subtract by Crossing over 2 days	Lesson 2: Subtract by Using Number Bonds over 2 days To be able to subtract using number bonds.	Lesson 2: Subtract by Using Number Bonds over 2 days
2 Chapter 4: Subtraction Within 10				
Lesson 3: Subtract by Counting Back over 2 days To understand that subtraction can be done by crossing out or taking away.	Lesson 3: Subtract by Counting Back over 2 days	Lesson 4: Making Subtraction Stories over 2 days To be able to make subtraction sentences.	Lesson 4: Making Subtraction Stories over 2 days	Lesson 5: Solving picture problems over 2 days To be able to solve picture problems involving subtraction.
3 Chapter 4: Subtraction Within 10				Ch5: Positions
Lesson 5: Solving picture problems over 2 days	Lesson 6: Addition and Subtraction over 2 days To solve problems in the context of add & subtract & to find the corresponding number families.	Lesson 6: Addition and Subtraction over 2 days	Chapter 4 review and consolidation To practise various concepts covered in the chapter.	Lesson 1: Naming Positions To learn the appropriate positional language (ordinal numbers) for up to 10 positions.
4 Chapter 5: Positions		Chapter 6: Numbers to 20		
Lesson 2: Naming Positions in Queues To be able to name the positions in a queue.	Lesson 1: Counting to 20 (over 2 days) To count numbers up to 20. The key strategy is to begin by making 10.	Lesson 1: Counting to 20 (over 2 days)	Lesson 2: Writing to 20 (over 2 days) To recognise, read and write numbers up to 20 in words and numerals.	Lesson 2: Writing to 20 (over 2 days)
5 Chapter 6: Numbers to 20				
Lesson 3: Comparing numbers To use the terms 'greater than' or 'less than' to compare numbers within 20.	Lesson 4: Ordering Numbers over 2 days To be able to arrange numbers up to 20 in ascending and descending order	Lesson 4: Ordering Numbers over 2 days	Lesson 5: Number Patterns over 2 days To look for patterns with numbers up to 20, focusing on one more and one less than a number.	Lesson 5: Number Patterns over 2 days
6 Chapter 6: Numbers to 20		Chapter 7: Addition and Subtraction Within 20		
Chapter 6 review and consolidation To practise various concepts covered in the chapter.	ADDITIONAL LESSON: Investigating numbers <u>beyond 20</u>	Lesson 1: Add by Counting On To learn to add by counting on from the largest number.	Lesson 2: Add by Making 10 (over 2 days) To add to numbers by first making 10 and then adding on the remainder.	Lesson 2: Add by Making 10 (over 2 days)
7 Chapter 7: Addition and Subtraction Within 20				
Lesson 3: Add by Adding Ones over 2 days To add by separating the ones and ten. This enables pupils to add the sum of the ones to the ten.	Lesson 3: Add by Adding Ones over 2 days	Lesson 4: Subtract by Counting Back To learn how to subtract by counting back from the largest number	Lesson 5: Subtract by Subtracting Ones To learn how to subtract by subtracting from only the ones column.	Lesson 6: Subtract from 10 (over 2 days) To subtract a certain amount of ones from 10 rather than from the ones, as there are not enough ones.
8 Chapter 7: Addition and Subtraction Within 20				
Lesson 6: Subtract from 10 (over 2 days)	Lesson 7: Addition and Subtraction Facts over 2 days To go through number facts derived from addition and subtraction sentences.	Lesson 7: Addition and Subtraction Facts over 2 days	Chapter 7 review and consolidation To practise various concepts covered in the chapter	Christmas break
Christmas holiday break				

Spring 1: 24 lessons				
1 Chapter 8: Shapes & Patterns				
INSET day school	Lesson 1: Recognising 3D Shapes To recognise four basic 3-D solid shapes: spheres, cubes, cuboids and pyramids.	Lesson 2: Recognising 2D Shapes To recognise 2-D shapes in the everyday environment.	Lesson 3: Grouping 2-D Shapes To be able to group shapes using different criteria	Lesson 4: Making Patterns To make patterns using common 2-D shapes.
2 Chapter 9: Length and Height				
Chapter 8 review and consolidation To practise various concepts covered in the chapter.	Lesson 1: Comparing Height and Length To compare height and length using key terminology.	Lesson 2: Measuring Length Using Things To measure objects using other items, such as pencils or books.	Lesson 3: Measuring Height and Length Using Body Parts To be able to measure items using other things – parts of the body in particular.	Lesson 4: Measuring Height and Length Using a Ruler over 2 days To introduce the concept of using rulers for measuring.
3 Test, review and remediation				
Lesson 4: Measuring Height and Length Using a Ruler over 2 days	Chapter 9 review and consolidation To practise various concepts covered in the chapter.	Revision and Mid-year Test A (REVISION 1)	Revision and Mid-year Test A	Revision and Mid-year Test A (REVISION 2)
4 Chapter 10: Numbers to 40				
Revision and Mid-year Test A	Lesson 1: Counting to 40 (over 2 days) To use the making 10 strategy to count numbers above 10; to represent numbers on a number line.	Lesson 1: Counting to 40 (over 2 days)	Lesson 2: Writing Numbers to 40 (over 2 days) To use the ten-frame method of organisation & place-value cards to assist in writing numbers to 40; to encourage multiple ways of counting, incl. by 2, 5 & 10.	Lesson 2: Writing Numbers to 40 (over 2 days)
5 Chapter 10: Numbers to 40				
Exploration lesson: representation of numbers to 40 using Dienes	Lesson 3: Counting in Tens and Ones (over 2 days) To understand that digits represent tens and ones; to represent numbers using Base 10 materials and numbers.	Lesson 3: Counting in Tens and Ones (over 2 days)	Lesson 4: Comparing Numbers (over 2 days) To use place value to compare 2 or 3 numbers & determine which is bigger/ smaller; to arrange 3 numbers in order of size.	Lesson 4: Comparing Numbers (over 2 days)
Break for half term				

Spring 2: 29 lessons				
1 Chapter 10: Numbers to 40				
Lesson 5: Finding How Much More (over 2 days) To compare numbers using number bonds, 100-squares (deepening) and number lines to determine how much more/less.	Lesson 5: Finding How Much More (over 2 days)	Lesson 6: Making Number Patterns (over 2 days) To observe and use number patterns; to see number lines in conjunction with number squares in order to create visual proportionality.	Lesson 6: Making Number Patterns (over 2 days)	Chapter 10 review and consolidation To practise various concepts covered in the chapter.
2 Chapter 11: Addition and Subtraction Word Problems				
Revisit numbers to 40 with Dienes	Lesson 1: Solving Word Problems (over 2 days) To decide whether add or subtract is most appropriate operation; to use & apply number bonds & visual representations to solve word problems.	Lesson 1: Solving Word Problems (over 2 days)	Lesson 2: Solving Word Problems To use and apply concepts of how many more and how many fewer/less; to apply number bonds and the guess-and-check method to solve word problems.	Lesson 3: Solving Word Problems (over 2 days) To develop number sentences based on word problems; to improve use of number bonds & 1:1 bar model representations to suit the question.
3 Chapter 11: Addition and Subtraction Word Problems				
Lesson 3: Solving Word Problems (over 2 days)	Lesson 4: Solving Word Problems (over 2 days) To use pictorial representations to help solve word problems; to choose the correct operation to solve a word problem.	Lesson 4: Solving Word Problems (over 2 days)	SPRING TEST: arithmetic	SPRING TEST: reasoning
4 Ch 11: Addition & Subtraction Word Problems		Chapter 12: Multiplication		
Lesson 5: Solving Word Problems over 2 days To use visual represent & patterns to solve word problems; to develop precision in model drawing to recognise similarities and differences.	Lesson 5: Solving Word Problems over 2 days	Lesson 1: Making Equal Groups To identify equal groups as 1 st step in multiplying; to reinforce the arrangement of objects does not impact their number.	Lesson 2: Adding Equal Groups To count groups of the same quantity more efficiently; to find multiple ways of counting groups of same quantity.	Lesson 3: Making Equal Rows To organise objects into equal rows in order to begin counting equal numbers efficiently.
5 Chapter 12: Multiplication				
Lesson 4: Making Doubles To understand doubling is creating same number to the one you started with; to understand doubling is same as saying two groups of same amount.	Lesson 5: Solving Word Problems (over 2 days) To solve word problems using equal groupings as the basis for multiplication.	Lesson 5: Solving Word Problems (over 2 days)	Chapter 12 review and consolidation To practise various concepts covered in the chapter.	Lesson 1: Grouping Equally over 2 days To divide even numbers into equal groups using concrete materials; to determine how many groups will be created from sharing equally.
6 Ch12:Multiplication		Chapter 13: Division		
Lesson 1: Grouping Equally over 2 days	Lesson 2: Sharing Equally Over 2 days To divide even numbers equally into groups; to determine how many objects will be included in each group in order to share equally.	Lesson 2: Sharing Equally Over 2 days	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				
INSET day school: Belleville, Belleville Wix, The Alton	Chapter 14: Fractions			
	Lesson 1: Making Halves To split an object (shape) into two equal parts; to identify shapes that have been split into two equal parts.	Lesson 2: Making Quarters (over 2 days) To split an object (shape) into four equal parts; to identify shapes that have been split into four equal parts.	Lesson 2: Making Quarters (over 2 days) Focus on quartering numbers	Lesson 3: Sharing and Grouping (over 2 days) To share and group objects into halves & quarters; to find half of a number and a quarter of a number.
2 Chapter 14: Fractions		Chapter 15: Numbers to 100		
Lesson 3: Sharing and Grouping (over 2 days)	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Chapter 14 review and consolidation To practise various concepts covered in the chapter.	Explore numbers to 100	Explore numbers to 100
3 Chapter 15: Numbers to 100				
Lesson 1: Counting to 100 (over 2 days) To count in sequences of 10 continuing by counting ones; to increase confidence with number lines & Dienes to count numbers to 100	Lesson 1: Counting to 100 (over 2 days)	Lesson 2: Finding Tens and Ones over 2 days To understand the value of the tens and ones digits in a number; to use multiple methods of representing and constructing a number.	Lesson 2: Finding Tens and Ones over 2 days	Lesson 3: Comparing Numbers (over 2 days) To review and extend skills and strategies related to number comparison; to place numbers in order from smallest to greatest and vice versa.
4 Chapter 15: Numbers to 100				
May Bank holiday	Lesson 3: Comparing Numbers (over 2 days)	Lesson 4: Making Number Patterns (over 2 days) To see patterns of numbers when increasing or decreasing by 1, 2 or 5; to use a number line, a 100-chart and Dienes to represent numbers.	Lesson 4: Making Number Patterns (over 2 days)	Chapter 15 review and consolidation To practise various concepts covered in the chapter.
5 Chapter 16: Time				
Lesson 1: Telling Time to the Hour (over 2 days) To develop familiarity with the analogue clock, including the minute and hour hands; to tell time to the hour on an analogue clock.	Lesson 1: Telling Time to the Hour (over 2 days)	Lesson 2: Telling Time to the Half Hour (over 2 days) To improve familiarity with the analogue clock; to tell time to the half hour using the term 'half past'.	Lesson 2: Telling Time to the Half Hour (over 2 days)	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.
6 Chapter 16: Time				
ADDITIONAL LESSON: Drawing hands on clock (o'clock)	ADDITIONAL LESSON: Drawing hands on clock (half past)	Lesson 3: Ordering Events To sequence events in order of time; to use the terms 'next,' 'before' and 'after' to describe the order of events.	Lesson 4: Estimating Duration of Time To estimate an amount of time using seconds, minutes and hours.	Lesson 5: Comparing Time To use the terms 'quicker', 'slower', 'earlier' and 'later' when comparing time.
Break for half term Homework: Drawing hands on clock (o'clock and half past)				

Summer 2: 37 or 38 lessons (check INSET)				
1				
INSET day school: Churchfields	Chapter 16: Time Lesson 6: Using a Calendar To learn the days of the week and the months of the year and to be able to put them in the correct order.		Chapter 17: Money Lesson 1: Recognising Coins To recognise coins & determine their value using size, colour, markings and shape.	
		Chapter 16 review and consolidation To practise various concepts covered in the chapter.		Lesson 2: Recognising Notes over 2 days To recognise notes and determine their value using colour and markings.
2 Ch.17: Money				
Lesson 2: Recognising Notes over 2 days	ADDITIONAL LESSON: recognize money, incl. value of coins and equivalent value in differing combinations.	Chapter 17 review and consolidation To practise various concepts covered in the chapter.	ADDITIONAL LESSON: Revisit number bonds to 20 and numbers to 100	Chapter 18: Volume & Capacity Lesson 1: Comparing Volume and Capacity over 2 days To compare volume and capacity using the terms 'more than' and 'less than', 'full' and 'empty.'
3 Chapter 18: Volume & Capacity				
Lesson 1: Comparing Volume and Capacity over 2 days	Lesson 2: Finding Volume and Capacity To find the capacity of a container using non-standard units.	Lesson 3: Describing Volume Using Half and a Quarter To describe volume using the terms 'half' and 'quarter'.	Consolidation To be used if lessons take longer than expected or a topic needs to be revisited.	Chapter 18 review and consolidation To practise various concepts covered in the chapter.
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ADDITIONAL LESSON: Revisit number bonds to 20 and numbers to 100	SUMMER TEST: arithmetic	SUMMER TEST: reasoning	Lesson 1: Comparing Mass To compare the mass of objects using the terms 'heavy' and 'light', 'heavier than', 'lighter than' and 'as heavy as'.	Lesson 2: Finding Mass To find the mass of an object using non-standard units; to use visualisation skills to estimate the number of units
5 Chapter 19: Mass				
Lesson 3: Finding and Comparing Mass To be able to find and compare the mass of a range of objects using non-standard units.	Chapter 20: Space Chapter 19 review and consolidation To practise various concepts covered in the chapter.		Lesson 1: Describing Positions over 2 days To describe the position of objects in relation to one another using varied vocabulary.	Lesson 1: Describing Positions over 2 days
				Lesson 2: Describing Movements over 2 days To describe movements of objects using varied language.
6 Chapter 20: Space				
Lesson 2: Describing Movements over 2 days	Lesson 3: Making Turns over 2 days To understand how to make turns using mathematical language and connecting this knowledge to time.	Lesson 3: Making Turns over 2 days	ADDITIONAL LESSON: 3/4 turns	ADDITIONAL LESSON: 3/4 turns
7				
Chapter 20 review and consolidation To practise various concepts covered in the chapter.	Revision and Mid-year Test B	Revision and Mid-year Test B	Revision and Mid-year Test B	Revision and Mid-year Test B
8				
Revision and Mid-year Test B	Revision and Mid-year Test B	Revision and Mid-year Test B	Summer break	
Summer break				