

Medium Term Planning Year 1

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<b>Autumn 1</b>	<b>Chapter 1 – Numbers to 10</b>	
	Lesson 1 – Counting to 10	
	To be able to count numbers to 10 accurately - forward and backward.	
	Lesson 2 – Counting Objects to 10	
	To be able to count similar objects up to 10 with accuracy and fluency.	
	Lesson 3 – Writing to 10	
	To be able to write all numbers to 10 with numerals and in words; to count only objects of the same name in a group.	
	Lesson 4 – Counting With Zero	
	To be able to understand what zero represents and use it when counting.	
	Lesson 5 – Comparing Objects	
	To be able to compare different sets of objects and say which one has fewer, more or is equal.	
	Lesson 6 – Ordering Numbers	
	To be able to order numbers to 10 and know which number is greater or is lesser in value.	
	Lesson 7 – Comparing Numbers	
	To be able to compare different sets of objects and say which one has fewer, more or is equal.	
	Lesson 8 – Chapter End	
	To practice various concepts that were covered in the chapter, from writing the numbers in words to consolidating the correct value of digits.	
	<b>Chapter 2 – Number Bonds</b>	
	Lesson 1 – Making Number Bonds	
	To understand that a number is made up of other numbers; to understand a number can be made by adding two smaller numbers.	
	Lesson 2 – Making Number Bonds	
	To use number bonds for storytelling.	
	Lesson 3 – Chapter End	
	<b>Chapter 3 – Addition Within 10</b>	
	Lesson 1 – Ways to Add	
	To be able to add two different numbers within 10. Pupils will become familiar with the different vocabulary associated with addition.	
	Lesson 2 – Add by Counting On	
	To be able to add by counting on from a given number.	
	Lesson 3 – Completing Number Sentences	
	To be able to complete number sentences and to gain an understanding of inverse operations.	
	Lesson 4 – Making Addition Stories	
	To be able to make addition stories using correct vocabulary.	
Lesson 5 – Solving Picture Problems		
To be able to solve addition problems through pictures.		
Lesson 6 – Chapter End		
Maths journal and reflection of learning throughout the chapter		

<b>Autumn 2</b>	<b>Chapter 4 – subtraction within 10</b>	
	Lesson 1 – Ways to Subtract	
	To be able to understand that subtraction can be done by crossing out or taking away.	
	Lesson 2 – Subtracting Using Number Bonds	
	To be able to subtract using number bonds.	
	Lesson 3 – Subtracting by Counting Back	
	To be able to understand that subtraction can be done by crossing out or taking away.	
	Lesson 4 – Making Subtraction Stories	
	To be able to make subtraction sentences.	
	Lesson 5 – Solving Picture Problems	
	To be able to solve picture problems involving subtraction.	
	Lesson 6 – Addition and Subtraction	
	To be able to solve problems in the context of addition and subtraction and to find the corresponding number families.	
	Lesson 7 – Chapter End	
	To consolidate the learning of subtraction equations and fact families.	
	<b>Chapter 5 – Positions</b>	
	Lesson 1 – Naming Positions	
	To learn the appropriate positional language for up to ten positions.	
	Lesson 2 – Naming Positions in Queues	
	To be able to name the positions in a queue	
	Lesson 3 – Naming Left and Right Positions	
	To be able to name positions including left and right.	
	Lesson 4 – Chapter End	
	To consolidate the learning of positional language.	
	<b>Chapter 6 – Numbers to 20</b>	
	Lesson 1 – Counting to 20	
	To count numbers up to 20 by making 10 first as the key strategy.	
	Lesson 2 – Writing to 20	
	Recognise, read and write numbers up to 20 in words and numerals.	
	Lesson 3 – Comparing Numbers	
To use the terms "greater than" or "less than" to compare numbers within 20.		
Lesson 4 – Ordering Numbers		
To be able to arrange numbers up to 20 in ascending and descending order.		
Lesson 5 – Number Patterns		
To look for patterns with numbers up to 20, focusing on one more and one less than a number.		
Lesson 6 – Chapter End		

Spring 1	<b>Chapter 7 – addition and subtraction within 20</b>	
	Lesson 1 – Ways to Add	
	To learn to add by counting on from the largest number.	
	Lesson 2 – Add by Making 10	
	To add to numbers by first making 10 and then adding on the remainder.	
	Lesson 3 – Add by Adding Ones	
	To add by separating the units and ten. This enables pupils to add the sum of the units to the ten.	
	Lesson 4 – Counting Back	
	To learn how to subtract by counting back from the largest number.	
	Lesson 5 – Subtract Ones	
	To learn how to subtract by subtracting from only the units column.	
	Lesson 6 – Subtract from 10	
	To subtract a certain amount of units from 10 rather than from the units, as there are not enough units.	
	Lesson 7 – Addition and Subtraction Facts	
	To go through number facts derived from addition and subtraction sentences.	
	Lesson 8 – Chapter End	
	<b>Chapter 8 – Shapes and Patterns</b>	
	Lesson 1 – Recognising Solids	
	To recognise four basic 3D/solid shapes: spheres, cubes, cuboids and pyramids.	
	Lesson 2 – Recognising Shapes	
	To recognise 2D shapes in the everyday environment.	
	Lesson 3 – Grouping Shapes	
	To be able to group shapes using different criteria.	
	Lesson 4 – Making Patterns	
	Using the knowledge and experience from the previous lesson, to recognise patterns in pictures, work out how the pattern would continue and then make a generalisation. Pupils need to understand a pattern is a special way to arrange shapes so that there is repetition.	
	Lesson 5 – Chapter End	
	<b>Chapter 9 – Length</b>	
	Lesson 1 – Comparing Height and Length	
	To compare height and length by using key terminology. Key words such as tall, taller, short, shorter, tallest, shortest, greatest, long and longer are used throughout this lesson and chapter.	
	Lesson 2 – Measuring Length Using Things	
To be able to measure items using other things, like pencils or books.		
Lesson 3 – Measuring Height and Length Using Body Parts		
To be able to measure items using other things - in particular, parts of the body.		
Lesson 4 – Measuring Height and Length Using a Ruler		
To introduce the concept of using rulers for measuring.		
Mind Workout – Mind Workout		

Spring 2	<b>Chapter 10 – numbers to 40</b>	
	Lesson 1 – Counting to 40	
	To use the making-ten strategy to count numbers above 10; to represent numbers on a number line.	
	Lesson 2 – Writing Numbers to 40	
	To use the ten-frame method of organisation and place-value cards to assist pupils in writing numbers to 40; to encourage multiple ways of counting, including counting by 2, 5 and 10.	
	Lesson 3 – Counting in Tens and Ones	
	To understand that digits represent 10s and 1s; to represent numbers using base-ten materials and numbers.	
	Lesson 4 – Comparing Numbers	
	To use place value to compare two or three numbers and determine which number is bigger/smaller; to arrange 3 numbers in order of size.	
	Lesson 5 – Finding How Much More	
	To compare numbers using number bonds, 100 squares and number lines to determine how many more/less.	
	Lesson 6 – Making Number Patterns	
	To observe and use number patterns; to see number lines in conjunction with number squares in order to create visual proportionality.	
	Lesson 7 – Chapter End	
	<b>Chapter 11 – Addition and Subtraction Word Problems</b>	
	Lesson 1 – Solving Word Problems	
	To decide whether addition or subtraction is the most appropriate operation; to use and apply number bonds and visual representations to solve word problems.	
	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	
	To develop number sentences based on word problems; to improve the use of number bonds and one-to-one bar model representations to suit the question.	
	Lesson 4 – Solving Word Problems	
	To use pictorial representations to help solve word problems; to choose the correct operation to solve a word problem.	
	Lesson 5 – Solving Word Problems	
	To use visual representations and patterning to solve word problems; to develop precision in model drawing to recognise similarities and differences.	
	Lesson 6 – Solving Word Problems	
	To apply addition and subtraction to multi-step word problems; to use number bonds to make 10 when adding.	
	Lesson 7 – Chapter End	
	<b>Chapter 12 – Multiplication</b>	
	Lesson 1 – Making Equal Groups	
	To identify equal groupings as the first step in multiplying; to reinforce the idea that arrangement of objects does not impact number of objects.	
	Lesson 2 – Adding Equal Groups	
Understand that we can count groups of the same quantity more efficiently; find multiple ways of counting groups of the same quantity		
Lesson 3 – Making Equal Rows		
To organise objects into equal rows in order to begin counting equal numbers efficiently.		
Lesson 4 – Making Doubles		

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<b>Summer 1</b>	To understand that doubling is creating an identical number to the one you started with; to understand that doubling is the same as saying 2 groups of the same amount.	
	Lesson 5 – Solving Word Problems	
	To solve word problems using equal groupings as the basis for multiplication.	
	Lesson 6 – Chapter End	
	<b>Chapter 13 – Division</b>	
	Lesson 1 – Grouping Equally	
	To understand how to divide even numbers into equal groupings using concrete materials; to determine how many groups will be created from sharing equally.	
	Lesson 2 – Sharing Equally	
	To understand how to divide even numbers equally into groupings; to determine how many items will be included in each grouping in order to share equally.	
	Lesson 3 – Chapter End	
	<b>Chapter 14 – Fractions</b>	
	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 Groups	
	To split an object (shape) in to four equal parts; to identify shapes that have been split in to four equal parts.	
	Lesson 3 – Making Groups	
	To share and group objects into halves and quarters; to determine half of a number and a quarter of a number.	
	Lesson 4 – Chapter End	
	<b>Chapter 15 – Numbers to 100</b>	
	Lesson 1 – Counting to 100	
To count in sequences of 10 followed by counting ones; to increase confidence with number lines and base-ten materials in order to count numbers to 100.		
Lesson 2 – Finding Tens and Ones		
To understand the value of the tens and ones digits in a number; to use multiple methods of representing and constructing a number.		
Lesson 3 – Comparing Numbers		
To review and extend skills and strategies related to number comparison; to place numbers in order from smallest to largest and vice versa.		
Lesson 4 – Making Number Patterns		
To see patterns of numbers when increasing or decreasing by 1, 2, or 5; to use a number line, a one hundred chart and base-ten materials to represent numbers.		
Lesson 5 – Chapter End		
<b>Chapter 16 – Time</b>		
Lesson 1 – Telling Time to the Hour		
To develop familiarity with the analogue clock, including the minute and hour hands; to tell time to the hour on an analogue clock.		
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.'		
Lesson 3 – Using Next, Before and After		
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.		

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	Lesson 5 – Comparing Time	
	To use the terms 'quicker,' 'slower,' 'earlier,' 'later' when comparing 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.	
	Lesson 7 – Chapter End	
<b>Summer 2</b>	<b>Chapter 17 – Money</b>	
	Lesson 1 – Recognising Coins	
	To recognise coins and determine their value using size, colour, markings and shape.	
	Lesson 2 – Recognising Notes	
	To recognise notes and determine their value using colour and markings.	
	Lesson 3 – Chapter End	
	<b>Chapter 18 – Volume and Capacity</b>	
	Lesson 1 – Comparing Volume and Capacity	
	To compare volume and capacity using the terms 'more than' and 'less than,' 'full' and 'empty.'	
	Lesson 2 – Finding Volume and Capacity	
	To find the volume and 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.'	
	Lesson 4 – Chapter End	
	<b>Chapter 19 – Mass</b>	
	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.	
	Lesson 3 – Chapter End	
	<b>Chapter 20 – Space</b>	
	Lesson 1 – Describing Positions	
	To describe the position of objects in relation to one another using varied vocabulary.	
	Lesson 2 – Describing Movements	
	To describe movements of objects using varied language.	
	Lesson 3 – Making Turns	
To understand how to make turns using mathematical language, connecting the making-turns knowledge to time.		
Lesson 4 – Chapter End		
<b>Total Lessons – 51 Textbook A and 53 Textbook B</b>		
<b>104 lessons in total</b>		