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<b>Autumn 1 - 33</b>	<b>Chapter 1 – Numbers to 1000</b>	
	Lesson 1 – Counting in Hundreds	
	To learn to count in 100s and understand the place value. Pupils will also understand how many 100s are needed to make a 1000.	
	Lesson 2 – Counting in Hundreds Tens and Ones	
	To compose and decompose numbers consisting of 100s, 10s and 1s.	
	Lesson 3 – Place Value	
	To understand the value of each digit in a 3-digit number. .	
	Lesson 4 – Comparing and Ordering Numbers	
	To be able to compare and order numbers.	
	Lesson 5 – Comparing and Ordering Numbers	
	To be able to count in 50s	
	Lesson 6 – Number Patterns	
	To recognise, describe and continue a number pattern.	
	Lesson 6 – 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 4s and 8s.	
	Mind Workout – Mind Workout	
	Use problem solving skills.	
	<b>Chapter 2 – Addition and Subtraction</b>	
	Lesson 1 – Addition and Subtraction Facts	
	To understand commutative law of addition and the corresponding addition and subtraction facts.	
	Lesson 2 – Simple Adding	
	To understand simple addition where only the ones column will be affected.	
	Lesson 3 – Simple Adding	
	To add multiples of 10 to a 3-digit number.	
	Lesson 4 – Simple Adding	
	To add multiples of 100s to a 3-digit number.	
	Lesson 5 – Simple Adding	
	To add two 3-digit numbers.	
	Lesson 6 – Adding with Renaming	
	To add numbers and rename 1s.	
	Lesson 7 – Adding with Renaming	
To add with renaming in 10s.		
Lesson 8 – Adding with Renaming		
To add two 3-digit numbers with renaming the 1s.		
Lesson 9 – Adding with Renaming		
To add two 2-digit numbers with renaming the 10s.		
Lesson 10 – Adding with Renaming		
To add with renaming in 1s and 10s. Contributor		
Lesson 11 – Simple Subtracting		
To do simple subtraction by taking away a single-digit number from a 2-digit number without renaming.		
Lesson 12 – Simple Subtracting		

Autumn 2 - 37	To do simple subtraction by taking away a single-digit number from a 3-digit number without renaming.	
	Lesson 13 – Simple Subtracting	
	To subtract multiples of 10, up to 90, from a 3-digit number.	
	Lesson 14 – Simple Subtracting	
	To subtract hundreds from a 3-digit number and to subtract multiples of 1 and 10 from a 3-digit number.	
	Lesson 15 – Simple Subtracting	
	To understand simple subtraction of a 3-digit number by another 3-digit number with no renaming.	
	Lesson 16 – Subtracting with Renaming	
	To subtract with renaming in 10s and 1s.	
	Lesson 17 – Subtracting with Renaming	
	To subtract with renaming 100s.	
	Lesson 18 – Subtracting with Renaming	
	To subtract with regrouping tens and hundreds.	
	Lesson 19 – Subtracting with Renaming	
	To subtract a 3-digit number with zeros.	
	Lesson 20 – Using Models	
	To solve addition and subtraction problems using the Bar Model.	
	Lesson 21 – Using Models	
	To use the Bar Model to solve problems.	
	Lesson 22 – Using Models	
	To solve complicated problems involving addition and subtraction.	
	Lesson 23 – Using Models	
	To solve more complicated problems involving addition and subtraction.	
Mind Workout – Mind Workout		
To solve problems using addition and subtraction and use the model to represent a problem.		
<b>Chapter 3 – Multiplication and Division</b>		
Lesson 1 – Multiplying by 3		
To multiply by 3.		
Lesson 2 – Multiplying by 3		
To multiply by 3.		
Lesson 3 – Multiplying by 4		
To multiply by 4.		
Lesson 4 – Multiplying by 4		
To multiply by 4.		
Lesson 5 – Multiplying by 4 and 8		
To multiply by 4 and 8.		
Lesson 6 – Multiplying by 8		
To multiply by 8.		
Lesson 7 – Multiplying by 8		
To multiply by 8.		
Lesson 8 – Dividing by 3		
To divide by 3.		
Lesson 9 – Dividing by 4		

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To divide by 4.	
Lesson 10 – Multiplying and Dividing	
To find relationships between multiplication and division.	
Lesson 11 – Dividing by 4 and 8	
To divide by 4 and 8.	
Lesson 12 – Solving Word Problems	
To solve word problems with multiplication.	
Lesson 13 – Solving Word Problems	
To solve word problems that involve division.	
Lesson 14 – Solving Word Problems	
To solve more word problems involving multiplication and division.	
Lesson 15 – Solving Word Problems	
To solve problems.	
Mind Workout – Mind Workout	
To solve problems using multiplication and division.	
<b>Chapter 4 – Further Multiplication and Division</b>	
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 single-digit number.	
Lesson 3 – Multiplying 2-Digit Numbers	
To multiply more 2-digit numbers.	
Lesson 4 – Multiplying 2-Digit Numbers	
To multiply with regrouping.	
Lesson 5 – Multiplying with Regrouping	
To multiply with regrouping.	
Lesson 6 – Simple Dividing	
To understand simple division of a 2-digit number by a 1-digit number.	
Lesson 7 – Dividing with Regrouping	
To divide where there is a need to regroup.	
Lesson 8 – Dividing with Regrouping	
To use long division to divide.	
Lesson 9 – Solving Word Problems	
To solve word problems that involve multiplication.	
Lesson 10 – Solving Word Problems	
To solve word problems involving division.	
Lesson 11 – Solving Word Problems	
To solve more challenging word problems.	
Mind Workout – Mind Workout	
To solve complex word problems. Create word problems.	
<b>Chapter 5 – Length</b>	
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 Metres	
	To covert kilometres to metres.	
	Lesson 4 – Writing Length in Kilometres Metres	
	To convert length from metres to km and m.	
	Lesson 5 – Comparing Length	
	To compare two lengths.	
	Lesson 6 – Solving Word Problems	
	To solve measurement-related word problems.	
	Lesson 7 – Solving Word Problems	
	Solving other word problems.	
	Lesson 8 – Solving Word Problems	
	To solve word problems further, involving multiplication.	
	Lesson 9 – Solving Word Problems	
	To solve word problems associated with length using division.	
	Lesson 10 – Solving Word Problems	
To solve more challenging word problems.		
Mind Workout – Mind Workout		
To create and solve word problems.		
<b>Spring 1 - 27</b>	<b>Chapter 6 – Mass</b>	
	Lesson 1 – Reading Weighing Scales	
	To measure mass using weighing scales and compare the mass of objects using g and kg.	
	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.	
	Lesson 4 – Reading Weighing Scales	
	To weigh heavier items where the units in the scales represent 200g 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	
	To solve word problems relating to mass using division.	
	Mind Workout – Mind Workout	
	To be able to work out the value of each small marking on a scale and to estimate the mass of objects.	
	<b>Chapter 7 – Volume</b>	
	Lesson 1 – Measuring Volume in Millilitres	
	To measure volume in millilitres.	
Lesson 1 – 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 4 – Measuring Capacity in Millilitres and Litres		
To measure volume in millilitres and litres from a "homemade" bottle with markings.		

	Lesson 5 – Writing Volume in Litres and Millilitres	
	To measure volume using ml and litres in comparison to 1 l.	
	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.	
	Lesson 9 – Solving Word Problems	
	To solve word problems through division.	
	Lesson 10 – Solving Word Problems	
	To solve two-step word problems.	
	Mind Workout – Mind Workout	
	To achieve a higher-level understanding of volume.	
	<b>Chapter 8 – Money</b>	
	Lesson 1 – Naming Amounts of Money	
	To consolidate previous learning about denominations of both notes and coins; to use simple addition to count amounts of money.	
	Lesson 2 – Naming Amounts of Money	
	To name amounts of money including coins above 100p; to regroup and rename 100p as £1 as a key strategy.	
	Lesson 3 – Showing Amounts of Money	
To find multiple ways of showing an amount of money.		
Lesson 4 – Adding Money		
To add money by adding together the pounds and pence separately.		
Lesson 5 – Adding Money		
To add amounts of money together using different methods; to consolidate the addition of pounds and pence separately.		
Lesson 6 – Adding Money		
To consolidate 'making a pound' as a strategy for adding amounts of money where the coins equal more than 99p.		
Lesson 7 – Adding Money		
To learn the 'make a pound' strategy with number bond diagrams; to consolidate the strategies associated with the addition of money.		
Spring 2 - 29	Lesson 8 – Subtracting Money	
	To use multiple methods for subtracting amounts of money, including concrete materials and the column method.	
	Lesson 9 – Subtracting Money	
	To use visual comparison to subtract amounts of money; to consolidate column subtraction where there is no regrouping of pence required.	
	Lesson 10 – Subtracting Money	
To use number bonds to subtract amounts of money; to develop number sense through decision making.		
Lesson 11 – Subtracting Money		
To use number bonds as the primary strategy for subtracting amounts of money; to split pounds and pence simultaneously when subtracting amounts of money.		
Lesson 12 – Calculating Change		

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To learn the counting on strategy for calculating change; to consolidate the number bonds strategy for calculating change.	
Lesson 13 – Solving Word Problems	
To solve word problems involving money using bar modelling as the key strategy; to learn comparative models where pupils are solving by seeing the smaller amount inside of the larger amount.	
Lesson 14 – Solving Word Problems	
To use part-whole bar models to represent word problems; to apply addition and subtraction strategies to solve word problems.	
Mind Workout – Mind Workout	
<b>Chapter 9 – Time</b>	
Lesson 1 – Telling the Time	
To use the terms 'am' and 'pm' correctly to identify morning or afternoon/evening	
Lesson 2 – Telling the Time	
To learn to tell time to the minute; to understand the relationship between the minute hand and hour hand	
Lesson 3 – Telling the Time	
To consolidate and apply a variety of vocabulary used to express the time	
Lesson 4 – Telling the Time	
To compare analog and digital time; to represent time using both analog and digital methods	
Lesson 5 – Telling the Time	
To tell time before the hour using the hour and minute hands	
Lesson 6 – Telling the Time	
To learn to tell time using 24-hour notation; to use analogue time and 24-hour notation interchangeably.	
Lesson 7 – Telling the Time	
To tell the time on an analogue clock using Roman numerals.	
Lesson 8 – Measuring and Comparing Time in Seconds	
To measure time in seconds and milliseconds.	
Lesson 9 – Measuring Time in Seconds	
To measure time in seconds using a stopwatch; to consolidate previous learning about seconds.	
Lesson 10 – Measuring Time in Seconds	
To consolidate measuring time in seconds; to conduct a time experiment using seconds.	
Lesson 11 – Measuring Time in Hours	
To measure time in hours using an analogue clock.	
Lesson 12 – Measuring Time in Hours	
To consolidate the measurement of time in hours.	
Lesson 13 – Measuring Time in Hours	
To measure time in hours using analogue clocks and timelines; to count backwards in time by the hour.	
Lesson 14 – Measuring Time in Minutes	
To measure the passage of time in minutes using an analogue clock and timeline.	
Lesson 15 – Measuring Time in Minutes	
To measure time to the minute when it crosses into the next hour; to use number bonds to calculate the passage of time.	
Lesson 16 – Measuring Time in Minutes	
To measure time in minutes, counting backwards to determine the starting point; to use number	

	bonds and timelines to calculate the passage of time.	
	Lesson 17 – Changing Minutes to Seconds	
	To determine how many seconds are in a minute; to use multiplication to calculate the number of seconds in a number of minutes.	
	Lesson 18 – Changing Seconds to Minutes	
	To convert seconds into minutes using number bonds.	
	Lesson 19 – Finding Number of Days	
	To calculate the number of days in a month; to learn which months have 31, 30 and 28/29 days.	
	Lesson 20 – Finding Number of Days	
	To find the duration of days for different activities.	
Lesson 21 – End Of Chapter		
<b>Summer 1 - 30</b>	<b>Chapter 11 – Fractions</b>	
	Lesson 1 – Counting in Tenths	
	To count in tenths; to recognise tenths and be able to determine how many tenths are shaded	
	Lesson 2 – Making Number Pairs	
	To make number pairs to create 1; to have fractions combine to make 1.	
	Lesson 3 – Adding Fractions	
	To add fractions with the same denominator.	
	Lesson 4 – Adding Fractions	
	To consolidate adding fractions with the same name; to learn how fractions can add to 1.	
	Lesson 5 – Subtracting Fractions	
	To subtract fractions with the same name.	
	Lesson 6 – Finding Equivalent Fractions	
	To find equivalent fractions through paper folding and shading.	
	Lesson 7 – Finding Equivalent Fractions	
	To find equivalent fractions using paper folding and shading.	
	Lesson 8 – Finding Equivalent Fractions	
	To find equivalent fractions; to place fractions on a number line.	
	Lesson 9 – Finding Equivalent Fractions	
	To find fractions equivalent to 1 half; use pictorial representations and multiplication to show equivalence.	
	Lesson 10 – Finding Equivalent Fractions	
	To find equivalent fractions using concrete objects and pictorial representations.	
	Lesson 11 – Finding Equivalent Fractions	
	To find equivalent fractions using pictorial representations and multiplication.	
	Lesson 12 – Finding the Simplest Fraction	
	To find the simplest fraction using visualisation and concrete materials.	
Lesson 13 – Finding the Simplest Fraction		
To find the simplest fraction using pictorial representations and division.		
Lesson 14 – Finding Equivalent Fractions		
To find equivalent fractions using multiplication and division; to determine when a fraction is equivalent or not.		
Lesson 15 – Comparing Fractions		
To compare the fractions 1 half and 1 quarter using pictorial representations and concrete materials.		
Lesson 16 – Comparing Fractions		

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To compare fractions using pictorial representations; to understand the numerical nature of the numerator.	
Lesson 17 – Comparing Fractions	
To compare fractions with different names (denominators) using pictorial representations and number lines.	
Lesson 18 – Adding Fractions	
To add fractions using pictorial representations; to simplify fractions after adding them.	
Lesson 19 – Subtracting Fractions	
To subtract fractions using pictorial representations; to simplify fractions after they have been subtracted.	
Lesson 20 – Subtracting Fractions	
To subtract fractions from a whole amount; to use pictorial representations of whole numbers to help subtract fractions.	
Lesson 21 – Finding Part of a Set	
To determine a fraction of a whole number using pictorial representations.	
Lesson 22 – Finding Part of a Set	
To find a fraction of a whole number using pictorial representations, multiplication and concrete objects.	
Lesson 23 – Finding the Fraction of a Number	
To consolidate finding the fraction of a whole number.	
Lesson 24 – Sharing One	
To divide 1 between more than 1; to share 1 whole equally between more than 1.	
Lesson 25 – Sharing More Than 1	
To share more than 1 using pictorial representations and division.	
Lesson 26 – Sharing More Than 1	
To share more than 1; to recognise a whole and its parts using pictures and number lines.	
Lesson 27 – Sharing More Than 1	
To show more than 1 whole after sharing a number of items equally; to use pictorial representations to share whole items equally.	
Lesson 28 – Solving Word Problems	
To apply bar modelling to represent fractions in word problems; to solve word problems using pictorial representations and abstract methods.	
Lesson 29 – Solving Word Problems	
Use bar models to solve word problems involving the fraction 1 half.	
Lesson 30 – Solving Word Problems	
Use bar models to solve word problems involving the fractions 1 third and 1 fifth.	
Lesson 31 – Chapter End	



<b>Summer 2 - 35</b>	<b>Chapter 12 – Angles</b>	
	Lesson 1 – Making Angles	
	To learn what makes up an angle and identify angles in objects.	
	Lesson 2 – Making Angles	
	To see angles on the inside and outside of objects; to find angles in letters.	
	Lesson 3 – Finding Angles in Shapes	
	To find angles in shapes; to determine the relationship between the number of angles in a shape and the number of sides.	
	Lesson 4 – Finding Right Angles	
	To find right angles in everyday objects; to understand what makes a right angle.	
	Lesson 5 – Angles	
	To compare angles using the terms 'right' angle and 'acute' angle; to identify acute angles as smaller angles than right angles.	
	Lesson 6 – Comparing Angles	
	To identify right angles and acute angles; to recognise and define an obtuse angle.	
	Lesson 7 – Making Turns	
	To make turns using angles vocabulary; to align the language of angles and fractions to describe turns.	
	Chapter End – Chapter End	
	<b>Chapter 13 – Lines and Shapes</b>	
	Lesson 1 – Identifying Perpendicular Lines	
	To identify, define and create perpendicular lines; to find perpendicular lines in everyday objects.	
	Lesson 2 – Identifying Parallel Lines	
	To identify, define and create parallel lines; to find parallel lines in everyday objects.	
	Lesson 3 – Finding Vertical and Horizontal Lines	
	To define and identify vertical and horizontal lines; to find vertical and horizontal lines in the real world.	
	Lesson 4 – Describing Two-Dimensional Shapes	
	To describe 2-D shapes using familiar vocabulary about lines and angles.	
	Lesson 5 – Drawing Two-Dimensional Shapes	
	To draw 2-D shapes in proportion to their size; to identify how big a shape is.	
	Lesson 6 – Making Three-Dimensional Shapes	
	To create 3-D shapes out of nets; to use vocabulary related to 3-D shapes and their properties.	
	Lesson 7 – Making Three-Dimensional Shapes	
	To construct 3-D shapes out of clay and discuss their properties.	
	Lesson 8 – Describing Three-Dimensional Shapes	
	To describe 3-D shapes using familiar terms; to identify properties of 3-D shapes.	
	Lesson 9 – Chapter End	
	<b>Chapter 14 – Perimeter of Figures</b>	
Lesson 1 – Measuring Total Length Around a Shape		
To determine the perimeter of basic shapes; to use grid paper to measure the perimeter of a shape.		
Lesson 2 – Measuring Perimeter		
To measure the perimeter of a shape using 1 cm grid paper.		
Lesson 3 – Measuring Perimeter		
To determine the perimeter of different shapes; to create shapes with a specific perimeter.		

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Lesson 4 – Measuring Perimeter	
To find the perimeter of shapes using 2 cm grids; to identify mistakes in the thinking and working of others.	
Lesson 5 – Measuring Perimeter	
To use a ruler to measure the length of the side of the shape in order to calculate the perimeter.	
Lesson 6 – Calculating Perimeter	
To calculate the perimeter of a rectangle using multiplication and addition.	
Lesson 7 – Calculating Perimeter	
To calculate the perimeter of a square using addition and multiplication; to calculate the perimeter of rectangles and irregular shapes by adding up the length of each side.	
Lesson 8 – Calculating Perimeter	
To consolidate learning about perimeter using practical word problems; to calculate the perimeter of a rectangle using properties of shapes.	
Lesson 9 – Calculating Perimeter	
To calculate the perimeter of a square and a rectangle using information previously learned about the properties of shapes.	
Lesson 10 – Calculating Perimeter	
To calculate the perimeter of a rectangle when a square piece has been removed; to determine the lengths of sides that are not marked based on information about the piece removed.	
Chapter End – Chapter End	
<b>Chapter 10 – Picture Graphs and Bar Graphs</b>	
Lesson 1 – Drawing Picture Graphs	
To construct picture graphs from a set of data; to present data with pictures that represent more than 1 item.	
Lesson 2 – Drawing Bar Graphs	
To construct bar graphs from a set of data; to use proportion to reflect precise difference in quantity.	
Lesson 3 – Reading Bar Graphs	
To read and interpret information from a bar graph; to use and understand vocabulary related to bar graphs.	
Lesson 4 – Reading Bar Graphs	
To read bar graphs where the scale is not a multiple of all quantities measured.	
Lesson 5 – Reading Bar Graphs	
To read bar graphs where the scale is made up of larger increments.	
End of Chapter – End of Chapter	
<b>Total = 84 Textbook A and 97 Textbook B (excluding Mind Workouts)</b>	
<b>181 lessons in total</b>	
<b>191 teaching days</b>	