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<b>Autumn 1</b>	<b>Chapter 1 – Numbers to 1 000 000</b>	
	Lesson 1 – Reading and Writing Numbers to 100 000	
	To read and represent numbers to 100 000.	
	Lesson 2 – Reading and Writing Numbers to 1 000 000	
	To read and represent numbers to 1 000 000.	
	Lesson 3 – Reading and Writing Numbers to 1 000 000	
	To read and represent numbers to 1 000 000 using number discs.	
	Lesson 4 – Comparing Numbers to 1 000 000	
	To compare numbers to 1 000 000 using place value.	
	Lesson 5 – Comparing Numbers to 1 000 000	
	To compare numbers to 1 000 000 using place value.	
	Lesson 6 – Comparing Numbers to 1 000 000	
	To compare numbers to 1 000 000 using pictorial representations and proportionality.	
	Lesson 7 – Comparing Numbers to 1 000 000	
	To compare numbers to 1 000 000 from pictorial representations, using lists and number lines.	
	Lesson 8 – Making Number Patterns	
	To make and identify patterns in numbers using knowledge of place value.	
	Lesson 9 – Making Number Patterns	
	To make number patterns that decrease in multiples of 10 000 or 100 000.	
	Lesson 10 – Rounding Numbers	
	To round numbers to the nearest 10 000 using number lines and bar graphs.	
	Lesson 11 – Rounding Numbers	
	To round numbers to the nearest 100 000 using number lines and bar graphs.	
	Lesson 12 – Rounding Numbers	
	To round numbers to the nearest 100, 1000, 10 000 and 100 000 using number lines.	
	Mind Workout – Mind Workout	
	<b>Chapter 2 – Whole Numbers: Addition and Subtraction</b>	
	Lesson 1 – Counting On to Add	
	To add using the 'counting on' strategy with concrete materials and number lines.	
	Lesson 2 – Counting Backwards to Subtract	
	To subtract using the counting backwards strategy with concrete materials.	
	Lesson 3 – Adding within 1 000 000	
	To add numbers within 1 000 000 using rounding and concrete materials.	
	Lesson 4 – Adding and Subtracting within 1 000 000	
To use addition and subtraction to solve comparison problems with numbers to 1 000 000.		
Lesson 5 – Adding within 1 000 000		
To add numbers within 1 000 000 using the column method of addition.		
Lesson 6 – Subtracting within 1 000 000		
To subtract using the column method, number bonds and number discs using numbers to 1 000 000.		
Lesson 7 – Adding and Subtracting within 1 000 000		
To add and subtract using number bonds as a key strategy using numbers within 1 000 000.		
Lesson 8 – Adding within 1 000 000		
To consolidate and refine addition skills and place-value knowledge to solve addition problems.		
Lesson 9 – Subtracting within 1 000 000		
To subtract numbers to 1 000 000 using concrete materials, the column method and number bonds.		

	Lesson 10 Part 1 – Subtracting within 1 000 000	
	To consolidate and refine subtraction skills and place-value knowledge to solve subtraction problems.	
	Lesson 10 Part 2 – Subtracting within 1 000 000	
	To consolidate and refine subtraction skills and place-value knowledge to solve subtraction problems.	
	Mind Workout – Mind Workout	
Autumn 2	<b>Chapter 3 – Whole Numbers: Multiplication and Division</b>	
	Lesson 1 – Finding Multiples	
	To consolidate and review multiplication; to find the result of multiplying by a number.	
	Lesson 2 – Finding Factors	
	To consolidate and review multiplication; to find the numbers we can multiply by to get a number.	
	Lesson 3 – Finding Common Factors	
	To define and find common factors of numbers to 100.	
	Lesson 4 – Finding Prime Numbers	
	To identify and name the prime numbers; to recognise prime numbers as numbers that only have 2 factors.	
	Lesson 5 – Finding Prime Numbers	
	To define and determine prime numbers to 100.	
	Lesson 6 – Finding Square and Cube Numbers	
	To create and determine square and cubed numbers.	
	Lesson 7 – Multiplying 10, 100 and 1000	
	To multiply 1- and 2-digit numbers by 10, 100 and 1000.	
	Lesson 8 – Multiplying 2-Digit and 3-Digit Numbers by a Single Digit	
	To multiply 2- and 3-digit numbers by a single-digit number using multiple strategies.	
	Lesson 9 – Multiplying 4-Digit Numbers	
	To multiply 4-digit numbers by single digit numbers.	
	Lesson 10 – Multiplying 4-Digit Numbers	
	To multiply 4-digit numbers by single-digit numbers with regrouping, using a variety of strategies.	
	Lesson 11 – Multiplying 4-Digit Numbers	
	To multiply a 4-digit number by a single-digit number, with regrouping from the ones, tens and hundreds, using multiple methods.	
	Lesson 12 – Multiplying a 2-Digit Number by a 2-Digit Number	
	To multiply 2-digit numbers by 2-digit numbers using multiple methods.	
	Lesson 13 – Multiplying a 2-Digit Number by a 2-Digit Number	
	To multiply a 2-digit number by a 2-digit number using multiple methods, including the grid method, number bonds and column method, with regrouping.	
	Lesson 14 – Multiplying a 3-Digit Number by a 2-Digit Number	
To multiply a 3-digit number by a 2-digit number, with the grid method and column method being key strategies.		
Lesson 15 – Multiplying a 3-Digit Number by a 2-Digit Number		
To multiply a 3-digit number by a 2-digit number with regrouping, using the column method as the key strategy.		
Lesson 16 – Dividing by 10, 100 and 1000		
To find 1000s, 100s and 10s in a 4-digit number using concrete materials.		
Lesson 17 – Dividing 3-Digit and 4-Digit Numbers		
To divide 3- and 4-digit numbers by 1-digit numbers using number bonds and long division as the key methods.		
Lesson 18 – Dividing 4-Digit Numbers		
To divide 4-digit numbers by single-digit numbers, where number bonds and long division are the key		

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	strategies.	
	Lesson 19 – Dividing with Remainder	
	To divide 3-digit numbers by single-digit numbers using long division, short division and mental methods that gives rise to remainders.	
	Mind Workout – Mind Workout	
	<b>Chapter 4 – Whole Numbers: Word Problems</b>	
	Lesson 1 – Solving Word Problems	
	Lesson 2 – Solving Word Problems	
	Lesson 3 – Solving Word Problems	
	Lesson 4 – Solving Word Problems	
	Mind Workout – Mind Workout	
	<b>Chapter 5 – Graphs</b>	
	Lesson 1 – Reading Tables	
	Lesson 2 – Reading Tables	
	Lesson 3 – Reading Tables	
	Lesson 4 – Reading Line Graphs	
	Lesson 5 – Reading Line Graphs	
	Lesson 6 – Reading Line Graphs	
	Lesson 7 – Reading Line Graphs	
	Mind Workout – Mind Workout	
<b>Spring 1</b>	<b>Chapter 6 – Fractions</b>	
	Lesson 1 – Dividing to Make Fractions	
	Lesson 2 – Writing Improper Fractions and Mixed Numbers	
	Lesson 3 – Finding Equivalent Fractions	
	Lesson 4 – Comparing and Ordering Fractions	
	Lesson 5 – Comparing and Ordering Fractions	
	Lesson 6 – Comparing and Ordering Fractions	
	Lesson 7 – Making Number Pairs	
	Lesson 8 – Adding Fractions	
	Lesson 9 – Adding Fractions	
	Lesson 10 – Adding Fractions	
	Lesson 11 – Adding Fractions	
	Lesson 12 – Subtracting Fractions	
	Lesson 13 – Subtracting Fractions	
	Lesson 14 – Subtracting Fractions	
	Lesson 15 – Multiplying Fractions by Whole Numbers	
	Lesson 16 – Multiplying Fractions by Whole Numbers	
	Lesson 17 – Multiplying Mixed Numbers	
	Lesson 18 – Multiplying Mixed Numbers by Whole Numbers	
		Mind Workout – Mind Workout
	Total = 70 Lessons (excluding Mind Workouts)	

Spring 2	<b>Chapter 7 – Decimals</b>	
	Lesson 1 – Writing Decimals	
	To write decimal numbers.	
	Lesson 2 – Reading and Writing Decimals	
	To read and write decimals.	
	Lesson 3 – Reading and Writing Decimals	
	To read and write decimals.	
	Lesson 4 – Comparing Decimals	
	To compare tenths and hundredths written as decimals.	
	Lesson 5 – Comparing Decimals	
	To order and compare decimals.	
	Lesson 6 – Comparing Decimals	
	To compare and order decimals of amounts.	
	Lesson 7 – Writing Fractions as Decimals	
	To write fractions as decimals.	
	Lesson 8 – Adding and Subtracting Decimals	
	To add and subtract amounts in decimals.	
	Lesson 9 – Adding and Subtracting Decimals	
	To add and subtract decimals. To add and subtract amounts in pounds and pence.	
	Lesson 10 – Adding and Subtracting Decimals	
	To add and subtract amounts in pounds and pence.	
	Lesson 11 – Adding and Subtracting Decimals	
	To add and subtract decimals. To add and subtract amounts in pounds and pence.	
	Lesson 12 – Adding and Subtracting Decimals	
	To add and subtract decimals to find the smallest possible sum and difference.	
	Lesson 13 – Adding and Subtracting Decimals	
	To add and subtract decimals. To find number pairs that make a total of 1.	
	Lesson 14 – Adding and Subtracting Decimals	
	To add and subtract the perimeter of an object using decimals.	
	Lesson 15 – Rounding Decimals	
	To round decimals to the nearest whole number. To round numbers to nearest tenth.	
	Mind Workout – Mind Workout	
	<b>Chapter 9 – Geometry</b>	
	Lesson 1 – Knowing Types of Angles	
To know the names and qualities of acute, right, obtuse and reflex angles.		
Lesson 2 – Measuring Angles		
To measure angles using a protractor.		
Lesson 3 – Measuring Angles		
To draw, measure and add angles using a protractor.		
Lesson 4 – Investigating Angles on a Line		
To measure angles using a protractor. To identify two angles which add up to a straight line.		
Lesson 5 – Investigating Angles at a Point		
To investigate angles that, when combined, make 360 degrees.		
Lesson 6 – Drawing Angles		
To draw angles using a protractor.		
Lesson 7 – Drawing Lines and Angles		

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	To draw lines and angles with a high level of accuracy.	
	Lesson 8 – Describing Squares and Rectangles	
	To describe the sides and angles of both rectangles and squares.	
	Lesson 9 – Investigating Angles in Squares and Rectangles	
	To investigate the angles of various quadrilaterals, including squares and rectangles.	
	Lesson 10 – Solving Problems Involving Angles in Rectangles	
	To solve problems involving angles in rectangles.	
	Lesson 11 – Solving Problems Involving Angles	
	To solve problems involving angles.	
	Lesson 12 – Solving Problems Involving Angles	
	To use our understanding of angles to solve problems.	
	Lesson 13 – Investigating Regular Polygons	
	To investigate regular polygons.	
	Mind Workout – Mind Workout	
<b>Summer 1</b>	<b>Chapter 11 – Measurements</b>	
	Lesson 1 – Converting Units of Length	
	To convert units of length.	
	Lesson 2 – Converting Units of Length	
	To convert units of length including centimetres and metres.	
	Lesson 3 – Converting Units of Length	
	To convert units of length.	
	Lesson 4 – Converting Units of Length	
	To solve problems by converting units of length.	
	Lesson 5 – Converting Units of Mass	
	To convert units of mass.	
	Lesson 6 – Converting Units of Mass	
	To convert units of mass, including grams, into kilograms.	
	Lesson 7 – Converting Units of Mass	
	To convert units of mass.	
	Lesson 8 – Converting Units of Mass	
	To convert units of mass, including kilograms and pounds.	
	Lesson 9 – Converting Units of Time	
	To convert units of time.	
	Lesson 10 – Converting Units of Time	
	To convert units of time from days into weeks and months.	
	Lesson 11 – Converting Units of Time	
	To convert units of time.	
	Lesson 12 – Converting Units of Time	
	To convert units of time.	
	Lesson 13 – Converting Units of Time	
	To convert units of time.	
	Lesson 14 – Telling the Temperature	
	To read the temperature on a thermometer.	
	Mind Workout – Mind Workout	
<b>Chapter 12 – Area and Perimeter</b>		
Lesson 1 – Finding the Perimeter		

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	To find the perimeter of shapes.	
	Lesson 2 – Finding the Perimeter	
	To find shapes with a specific perimeter.	
	Lesson 3 – Finding the Perimeter	
	To find the perimeter of different shapes.	
	Lesson 4 – Using Scale Diagrams to Find the Perimeter	
	To use scale diagrams to find the perimeter of a shape.	
	Lesson 5 – Measuring the Area	
	To measure the area of shapes by counting squares.	
	Lesson 6 – Measuring the Area	
	To measure the area of squares.	
	Lesson 7 – Measuring the Area	
	To measure the area of a shape.	
	Lesson 8 – Measuring the Area	
	To measure area in square metres.	
	Lesson 9 – Measuring the Area	
	To measure area in square metres.	
	Lesson 10 – Measuring the Area	
	To find the area of shapes in square metres.	
Lesson 11 – Estimating the Area		
To make an estimation of area in kilometres.		
Mind Workout – Mind Workout		
<b>Summer 2</b>	<b>Chapter 13 – Volume</b>	
	Lesson 1 – Understanding the Volume of Solids	
	To understand the volume of solids.	
	Lesson 2 – Finding the Volume of Solids	
	To find the volume of 3-D shapes.	
	Lesson 3 – Finding the Volume of Solids	
	To find the volume of solids.	
	Lesson 4 – Finding the Capacity of Rectangular Boxes	
	To find the capacity of a cuboid.	
	Lesson 5 – Finding the Capacity of Rectangular Boxes	
	To find the capacity of rectangular boxes.	
	Lesson 6 – Converting Units of Volume	
	To compare and convert units of volume.	
	Lesson 7 – Converting Units of Volume	
	To convert units of volume (metric and imperial).	
	Lesson 8 – Converting Units of Volume	
	To convert units of volume (metric and imperial).	
	Lesson 9 – Solving Word Problems Involving Volume	
	To solve word problems involving volume.	
	Lesson 10 – Solving Word Problems Involving Volume	
To solve word problems involving volume.		
Mind Workout – Mind Workout		
<b>Chapter 8 – Percentage</b>		

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Lesson 1 – Comparing Quantities	
To compare quantities. To compare fractions, decimals and percentages. To convert fractions to decimals and percentages.	
Lesson 2 – Finding Percentages	
To convert values of an amount into percentages. To convert fractions into percentages.	
Lesson 3 – Finding Percentages	
To convert values of an amount into percentages. To convert fractions into percentages.	
Mind Workout – Mind Workout	
<b>Chapter 10 – Position and Movement</b>	
Lesson 1 – Naming and Plotting Points	
To name and plot points.	
Lesson 2 – Describing Translations	
To describe the position of a shape following a translation.	
Lesson 3 – Describing Movements	
To describe movements and reflecting shapes.	
Lesson 4 – Describing Movements	
To describe the movement of a 2-D shape when reflected.	
Lesson 5 – Successive Reflections	
To reflect a shape more than once.	
Mind Workout – Mind Workout	
<b>Chapter 14 – Roman Numerals</b>	
Lesson 1 – Writing Roman Numerals to 1000	
To write Roman numerals to 1000.	
Lesson 2 – Writing Years in Roman Numerals	
To write numbers in their thousands in Roman numerals.	
Lesson 3 – Converting Units of Volume	
Total = lessons 74 (excluding mind workouts)	
144 lessons in total.	