



**Maths Overview showing sequential learning**

Year	Topic Title	Curriculum Objectives	Linking Topics
Foundation Stage	Number and Place Value	Counting numbers to 5. Comparing quantities of identical objects. Comparing quantities of non-identical objects. Counting to 6, 7 and 8. Counting to 9 and 10. Comparing groups up to 10. Counting to 20.	
	Addition and subtraction	Sorting into groups. Finding one more or one less within 5. Number bonds to five. Combine two groups to find a whole. Number bonds to 10 using a ten frame Number bonds to 10 using part-whole method. Adding by counting on Taking away by counting back.	
	Measurement	My day Length, height and distance Capacity	
	Geometry	Spatial awareness Recognising 2D shapes Recognising some 3D shapes. Making simple patterns Exploring more complex patterns	
	Multiplication and Division	Doubling Halving and sharing Odds and evens	

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Year 1	Number: Place Value( within 10)	Sort objects Count objects New content Count objects from a group of 10 Represent objects New content Represent numbers to 10 Count forwards Count backwards Count one more Count one less One to one correspondence Compare objects Introduce <, > and = Compare numbers Order objects Order numbers Ordinal numbers The number line	
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	<p>Number: Addition and Subtraction (within 10)</p>	<p>New content Introducing parts and wholes                  Activity Parts and wholes                  New content Part-whole model (with images/objects)                  Part-whole model                  Addition symbol                  Fact families - addition facts                  Find number bonds for numbers within 10                  Systematic methods for number bonds within 10                  Number bonds to 10                  Compare number bonds                  Addition - adding together                  Addition - adding more (first part of sheet)                  Addition - adding more (second part of sheet)                  New content Addition - using bonds                  Finding a part                  Subtraction - taking away, how many left? Crossing out                  Subtraction - taking away, how many left? Introducing the subtraction symbol Subtraction                  - find a part, breaking apart                  Fact families - the 8 facts                  Subtraction - counting back                  Subtraction - finding the difference (first part of sheet)                  Subtraction - finding the difference (second part of sheet)                  Comparing addition and subtraction statements <math>a + b &gt; c</math>                  Comparing addition and subtraction statements <math>a + b &gt; c + d</math></p>	
	<p>Geometry: Shape</p>	<p>Recognise and name 3-D shapes                  Sort 3-D shapes                  Recognise and name 2-D shapes                  Sort 2-D shapes                  Patterns with 3-D and 2-D shapes</p>	

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	<p>Number: Place Value (within 20)</p>	<p>Count forwards and backwards and write numbers to 20 in numerals and words Numbers from 11 to 20                  Tens and ones (first part of sheet)                  Tens and ones (second part of sheet)                  Count one more and one less                  Compare groups of objects                  Compare numbers                  Order groups of objects                  Order numbers</p>	
	<p>Number: Addition and Subtraction (within 20)</p>	<p>Activity Add by counting on                  Add by counting on                  New content Add ones using number bonds (first part of worksheet)                  New content Add ones using number bonds (second part of worksheet)                  Find &amp; make number bonds                  Activity Add by making 10                  Add by making 10                  Subtraction - not crossing 10                  New content Subtraction - not crossing 10 (counting back)                  New content Subtraction - crossing 10 (counting back)                  New content Subtraction - not crossing 10 (counting back)                  New content Subtraction - crossing 10 (counting back)                  Subtraction - crossing 10 (1)                  Subtraction - crossing 10 (2)                  Related facts                  Compare number sentences</p>	

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	<p>Number: Place Value (within 50)</p>	<p>Activity Counting to 50 by making 10s                      Numbers to 50                      Counting forwards and backwards within 50                      Tens and ones                      Represent numbers to 50                      One more one less (first part of worksheet)                      One more one less (second part of worksheet)                      Compare objects within 50                      Compare numbers within 50                      Order numbers within 50                      Activity Count in 2s                      Count in 2s                      Activity Count in 5s                      Count in 5s</p>	
	<p>Measurement: Length and Height</p>	<p>Activity Compare lengths                      Activity Compare heights                      Compare lengths &amp; heights                      Activity Measuring lengths (non-standard units)                      Measure length (1)                      Activity Introducing the ruler                      Measure length (2)                      New content Adding length problems                      New content Subtracting length problems</p>	
	<p>Measurement: Weight and Volume.</p>	<p>Activity Introduce weight &amp; mass                      Introduce weight &amp; mass                      Measure mass                      Compare mass                      New content Weight and mass problems                      Activity Introduce capacity and volume                      Introduce capacity and volume                      Measure capacity                      Compare capacity</p>	

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	<p>Number: Multiplication and Division</p>	<p>Recap Count in 2s                      Recap Count in 5s                      Activity Count in 10s                      Count in 10s                      Activity Make equal groups                      Make equal groups                      Add equal groups                      Activity Make arrays                      Make arrays                      Make doubles                      Activity Make equal groups - grouping                      Make equal groups - grouping                      Activity Make equal groups - sharing                      Make equal groups - sharing</p>	
	<p>Number: Fractions</p>	<p>Activity Making a half activity                      Activity Making a whole activity                      Find a half (1)                      Activity Find a half of a quantity activity                      Find a half (2)                      Activity Making a quarter activity                      Find a quarter (1)                      Activity Find a quarter of a quantity activity                      Find a quarter (2)</p>	
	<p>Geometry: Position and Direction.</p>	<p>Activity Describe turns                      Describe turns                      Describe position (1)                      Describe position (2)</p>	

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	<p>Number: Place Value (within 100)</p>	<p>Activity Counting to 100 by making 10s                  Counting to 100                  Counting forwards and backwards within 100                  Activity Introducing the 100 square                  Partitioning numbers                  Comparing numbers (1)                  Comparing numbers (2)                  Ordering numbers                  One more, one less</p>	
	<p>Measurement: Money</p>	<p>Recognising coins                  Recognising notes                  Activity Counting in coins                  Counting in coins</p>	
	<p>Measurement: Time</p>	<p>Activity Before and after                  Before and after                  Dates                  Activity Time to the hour                  Time to the hour                  Activity Time to the half hour                  Time to the half hour                  Writing time                  Comparing time</p>	

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Year 2	Number: Place Value	<p>Recap Counting forwards and backwards within 20</p> <p>Recap Tens and ones within 20</p> <p>Recap Counting forwards and backwards within 50 (Numbers to 50)</p> <p>Recap Tens and ones within 50</p> <p>Recap Compare numbers within 50</p> <p>Count objects to 100 and read and write numbers in numerals and words (first half of sheet - count objects to 100)</p> <p>Count objects to 100 and read and write numbers in numerals and words (second half of sheet - read and write numbers to 100 in numerals and words)</p> <p>Activity Represent numbers to 100</p> <p>Represent numbers to 100</p> <p>Tens and ones with a part-whole model</p> <p>Tens and ones using addition</p> <p>Use a place value chart</p> <p>Compare objects</p> <p>Compare numbers</p> <p>Order objects and numbers</p> <p>Recap Count in 2s</p> <p>Recap Count in 5s</p> <p>Recap Count in 10s</p> <p>Count in 2s, 5s and 10s (use for consolidation if needed) Count in 3s</p>	
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	<p>Number: Addition and Subtraction.</p>	<p>Fact families - addition and subtraction bonds to 20                  Check calculations                  Compare number sentences                  New content Know your bonds                  Related facts                  Bonds to 100 (tens)                  Add and subtract 1s                  10 more and 10 less                  Add and subtract 10s                  Recap Add by making 10                  Add a 2-digit and 1-digit number - crossing ten                  Activity Add a 2-digit and 1-digit number - crossing ten                  Recap Subtraction - crossing 10                  Subtract a 1-digit number from a 2-digit number - crossing ten                  Activity Subtract a 1-digit number from a 2-digit number - crossing ten                  Add two 2-digit numbers - not crossing ten - add ones and add tens                  Add two 2-digit numbers - crossing ten - add ones and add tens                  Subtract a 2-digit number from a 2-digit number - not crossing ten                  Subtract a 2-digit number from a 2-digit number - crossing ten - subtract ones and subtract tens                  Activity Mixed addition and subtraction                  Recap Find and make number bonds                  Bonds to 100 (tens and ones)                  Add three 1-digit numbers</p>	
	<p>Measurement: Money.</p>	<p>Recap Recognising coins and notes                  Count money - pence                  Count money - pounds (notes and coins)                  Count money - notes and coins                  Select money                  Make the same amount                  Compare money                  Find the total                  Find the difference                  Find change                  Two-step problems</p>	

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	<p>Number: Multiplication and Division</p>	<p>Activity Make equal groups                      Recap Make equal groups                      Activity Redistribute from unequal to equal groups                      Recap Add equal groups                      Recap Make arrays                      Recognise equal groups                      Make equal groups                      Add equal groups                      Multiplication sentences using the x symbol                      Multiplication sentences from pictures                      Use arrays                      Recap Make doubles                      2 times-table                      5 times-table                      10 times-table</p>	
	<p>Statistics</p>	<p>Activity Make tally charts                      Make tally charts                      Activity Draw pictograms (1-1)                      Draw pictograms (1-1)                      Interpret pictograms (1-1)                      Activity Draw pictograms (2, 5 and 10)                      Draw pictograms (2, 5 and 10)                      Interpret pictograms (2, 5 and 10)                      Block diagrams</p>	
	<p>Geometry: Properties of Shape</p>	<p>Recognise 2-D and 3-D shapes                      Activity Make 2-D and 3-D shapes                      Count sides on 2-D shapes                      Count vertices on 2-D shapes                      Draw 2-D shapes                      Lines of symmetry                      New content Lines of symmetry - draw the whole                      Sort 2-D shapes                      Make patterns with 2-D shapes                      Count faces on 3-D shapes                      Count edges on 3-D shapes</p>	

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<p>Number: Fractions</p>	<p>Activity Working with parts and wholes                  Make equal parts                  Recognise a half                  Find a half                  Recognise a quarter                  Find a quarter                  Recognise a third                  Find a third                  Unit fractions                  Non-unit fractions</p>	
<p>Measurement: Length and Height.</p>	<p>Recap Compare lengths and heights                  Recap Measure lengths (1)                  Recap Measure lengths (2)                  Measure length (cm)                  Measure length (m)                  Compare lengths                  Order lengths                  Four operations with lengths                  New content Problem solving with lengths</p>	
<p>Geometry: Position and Direction</p>	<p>Recap Describe position (1)                  Recap Describe position (2)                  New content Problem solving with position                  Activity Describe movement                  Describing movement                  Describing turns                  Activity Describing movement and turns                  Describing movement and turns                  Making patterns with shapes</p>	

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	Measurement: Time	Recap Telling time to the hour Recap Telling time to the half hour O'clock and half past Quarter past and quarter to Telling time to 5 minutes Recap Writing time Hours and days	
		Find durations of time Compare durations of time	
	Measurement: Mass, Capacity and Temperature.	Recap Introduce weight and mass Recap Measure mass Compare mass Measure mass in grams Measure mass in kilograms Recap Introduce capacity and volume Recap Measure capacity Compare volume Millilitres Litres Four operations with mass Four operations with volume Activity Temperature Temperature	

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Year 3	Number: Place Value	Recap Represent numbers to 100 Recap Tens and ones using addition Hundreds Numbers to 1,000 Activity Numbers to 1,000 on a place value grid 100s, 10s and 1s (1) 100s, 10s and 1s (2) Recap Number line to 100 Number line to 1,000 Find 1, 10, 100 more or less Compare objects Compare numbers Order numbers Count in 50s	
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	<p>Number: Addition and Subtraction</p>	<p>Add and subtract multiples of 100                  Recap Add and subtracts 1s                  Add and subtract 3-digit and 1-digit numbers - not crossing 10                  Recap Add a 2-digit and 1-digit number - crossing 10                  Add 3-digit and 1-digit numbers - crossing 10                  Recap Subtract a 1-digit number from 2-digits - crossing 10                  Subtract a 1-digit number from a 3-digit number - crossing 10                  Add and subtract 3-digit and 2-digit numbers - not crossing 100                  Add 3-digit and 2-digit numbers - crossing 100                  Subtract a 2-digit number from a 3-digit number - crossing 100                  Add and subtract 100s                  Spot the pattern - making it explicit                  Recap Add two 2-digit numbers - crossing 10 - add ones &amp; add tens                  Recap Subtract a 2-digit number from a 2-digit number - crossing 10 - subtract ones &amp; subtract tens                  New content Mixed addition and subtraction problems                  Add and subtract 2-digit and 3-digit numbers - not crossing 10 or 100                  Add 2-digit and 3-digit numbers - crossing 10 or 100                  Subtract a 2-digit number from a 3-digit numbers - crossing 10 or 100                  Add two 3-digit numbers - not crossing 10 or 100                  Add two 3-digit numbers - crossing 10 or 100                  Subtract a 3-digit number from a 3-digit number - no exchange                  Subtract a 3-digit number from a 3-digit number - exchange                  Estimate answers to calculations                  Check answers</p>	
	<p>Number: Multiplication and Division.</p>	<p>Multiplication - equal groups                  Recap Multiplication using the symbol                  Recap Using arrays                  Recap 2 times-table                  Recap 5 times-table                  Recap Make equal groups - sharing                  Recap Make equal groups - grouping                  Recap Divide by 2                  Recap Divide by 5                  Recap Divide by 10</p>	

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	<p>Multiply by 3                  Divide by 3                  The 3 times-table                  Multiply by 4                  Divide by 4                  The 4 times-table                  Multiply by 8                  Divide by 8                  The 8 times-table                  Recap Consolidate 2, 4 and 8 times-table (new worksheet)                  Comparing statements                  Related calculations                  Activity Multiply 2-digits by 1-digit - no exchange                  Multiply 2-digits by 1-digit (1)                  Activity Multiply 2-digits by 1-digit - exchange                  Multiply 2-digits by 1-digit (2)                  Divide 2-digits by 1-digit (1)                  Divide 2-digits by 1-digit (2)                  Activity Divide 100 into 2, 4, 5 and 10 equal parts                  Activity Divide with remainders                  Divide 2-digits by 1-digit (3)                  Scaling                  How many ways?</p>	
Measurement: money	<p>Recap Count money (pence)                  Recap Count money (pounds)                  Pounds and pence                  Convert pounds and pence                  Add money                  Subtract money                  Give change</p>	

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	Statistics	Recap Make tally charts Recap Draw pictograms (2, 5 and 10) Recap Interpret pictograms (2, 5 and 10) Pictograms (use for extra consolidation if needed) Activity Draw bar charts	
		Bar charts Tables	
	Measurement: Length and Perimeter	Measure length Recap Measure length (m) Equivalent lengths - m & cm Equivalent lengths - mm & cm Recap Compare lengths Compare lengths Add lengths Subtract lengths Activity What is perimeter? Measure perimeter Calculate perimeter	

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	<p>Number: Fractions</p>	<p>Recap Activity Working with wholes and parts                  Recap Make equal parts                  Recap Recognise a half                  Recap Find a half                  Recap Recognise a quarter                  Recap Find a quarter                  Recap Recognise a third                  Recap Find a third                  Recap Unit fractions                  Recap Non-unit fractions                  Unit and non-unit fractions (use for consolidation if needed)                  Recap Equivalence of a half and 2 quarters                  Recap Count in fractions                  Making the whole                  Tenths                  Count in tenths                  Tenths as decimals                  Fractions on a number line                  Fractions of a set of objects (1)</p>	
		<p>Fractions of a set of objects (2)                  Fractions of a set of objects (3)                  Equivalent fractions (1)                  Equivalent fractions (2)                  Equivalent fractions (3)                  Compare fractions                  Order fractions                  Add fractions                  Subtract fractions</p>	

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Measurement: Time	Recap O'clock and half past Recap Quarter past and quarter to Months and years Hours in a day Telling the time to 5 minutes Telling the time to the minute Using a.m. and p.m. Activity 24-hour clock 24-hour clock Finding the duration Comparing durations	
Geometry: Properties of shape	Turns and angles Right angles in shapes Compare angles Draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2-D shapes Recognise and describe 3-D shapes Make 3-D shapes	
Measurement: Mass and Capacity.	Activity Measure mass Recap Compare mass Measure mass (1) Measure mass (2) Compare mass Add and subtract mass	

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		Activity Measure capacity Recap Compare volume Measure capacity (1) Measure capacity (2) Compare capacity Add and subtract capacity Activity Temperature activity Recap Temperature	
Year 4	Number: Place Value	Recap Numbers to 1,000 Recap 100s, 10s and 1s (1) Recap Number line to 1,000 Round to the nearest 10 Round to the nearest 100 Count in 1,000s Activity Represent numbers to 10,000 1,000s, 100s, 10s and 1s Partitioning The number line to 10,000 Recap Find 1, 10, 100 more or less 1,000 more or less Compare 4-digit numbers Order numbers Round to the nearest 1,000 Count in 25s Activity Introducing negative numbers Negative numbers Roman numerals	
	Number: Addition and Subtraction.	Add and subtract 1s, 10s, 100s and 1,000s Recap Add two 3-digit numbers - not crossing 10 or 100 Add two 4-digit numbers - no exchange Recap Add two 3-digit numbers - crossing 10 or 100 Add two 4-digit numbers - one exchange Add two 4-digit numbers - more than one exchange Recap Subtract a 3-digit number from a 3-digit number - no exchange Subtract two 4-digit numbers - no exchange	

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	<p>Recap Subtract a 3-digit number from a 3-digit number - exchange</p> <p>Subtract two 4-digit numbers - one exchange</p> <p>Subtract two 4-digit numbers - more than one exchange</p> <p>Efficient subtraction</p> <p>Estimate answers</p> <p>Checking strategies</p>	
Measurement: Length and perimeter.	<p>Recap Equivalent lengths - m and cm</p> <p>Recap Equivalent lengths - mm and cm</p> <p>Kilometres</p> <p>Recap Add lengths</p> <p>Recap Subtract lengths</p> <p>Recap Measure perimeter</p> <p>Perimeter on a grid</p> <p>Perimeter of a rectangle</p> <p>Perimeter of rectilinear shapes</p>	

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	<p>Number: Multiplication and Division.</p>	<p>Multiply by 10                      Multiply by 100                      Divide by 10                      Divide by 100                      Multiply by 1 and 0                      Divide by 1 and itself                      Recap Multiply and divide by 3                      Recap The 3 times-table                      Multiply and divide by 6                      6 times-table and division facts                      Multiply and divide by 9                      9 times-table and division facts                      Multiply and divide by 7                      7 times-table and division facts                      11 and 12 times-table                      Multiply 3 numbers                      Factor pairs                      Efficient multiplication                      Written methods                      Recap Multiply 2-digits by 1-digit</p>	
		<p>Multiply 2-digits by 1-digit                      Multiply 3-digits by 1-digit                      Recap Divide 2-digits by 1-digit (2)                      Divide 2-digits by 1-digit (1)                      Recap Divide 2-digits by 1-digit (3)                      Divide 2-digits by 1-digit (2)                      Divide 3-digits by 1-digit                      Correspondence problems</p>	
	<p>Measurement: Area</p>	<p>What is area?                      Counting squares                      Making shapes                      Comparing area</p>	

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	Number: Fractions	Recap Unit and non-unit fractions What is a fraction? Recap Tenths Recap Count in tenths Recap Equivalent fractions (1) Recap Equivalent fractions (2) Equivalent fractions (1) Equivalent fractions (2) Fractions greater than 1 Count in fractions Recap Add fractions Add 2 or more fractions Recap Subtract fractions Subtract 2 fractions Subtract from whole amounts Recap Fractions of a set of objects (1) Recap Fractions of a set of objects (2) Calculate fractions of a quantity Problem solving - calculate quantities	
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	<p>Number: Decimals</p>	<p>Activity Tenths and hundredths Recognise tenths and hundredths Tenths as decimals Tenths on a place value grid Tenths on a number line Divide 1-digit by 10 Divide 2-digits by 10 Hundredths Hundredths as decimals Hundredths on a place value grid Divide 1 or 2-digits by 100 Recap Bonds to 10 and 100 (Worksheet 1) Recap Bonds to 10 and 100 (Worksheet 2) Make a whole Activity Write decimals Write decimals Compare decimals Order decimals Activity Round decimals Round decimals Halves and quarters</p>	
	<p>Measurement: Money</p>	<p>Pounds and pence Ordering money Estimating money Recap Convert pounds and pence Recap Add money Recap Subtract money Recap Give change Activity Working with money Four operations</p>	
	<p>Measurement: Time</p>	<p>Recap Telling the time to 5 minutes Recap Telling the time to the minute Recap Using a.m. and p.m. Recap 24-hour clock Hours, minutes and seconds</p>	

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		<p>Years, months, weeks and days</p> <p>Activity Analogue to digital (first part of worksheet)</p> <p>Analogue to digital - 12 hour (second part of worksheet)</p> <p>Analogue to digital - 24 hour</p>	
	Statistics	<p>Interpret charts</p> <p>Comparison, sum and difference</p> <p>Introducing line graphs</p> <p>Line graphs</p>	
	Geometry: Properties of shapes	<p>Recap Turns and angles</p> <p>Recap Right angles in shapes</p> <p>Recap Compare angles</p> <p>Identify angles</p> <p>Compare and order angles</p> <p>Recap Recognise and describe 2-D shapes</p> <p>Activity Triangles</p> <p>Triangles</p> <p>Activity Quadrilaterals</p> <p>Quadrilaterals</p> <p>Activity Symmetry</p> <p>Recap Horizontal and Vertical</p> <p>Lines of symmetry</p> <p>Complete a symmetric figure</p>	
	Geometry: Position and Direction	<p>Describe position</p> <p>Draw on a grid</p> <p>Move on a grid</p> <p>Describe movement on a grid</p>	

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Year 5	Number: Place Value	Recap 1,000s, 100s, 10s and 1s Numbers to 10,000 Recap Rounding to the nearest 10 Recap Rounding to the nearest 100 Rounding to 10, 100 and 1,000	
		Numbers to 100,000 Compare and order numbers to 100,000 Round numbers within 100,000 Numbers to a million Counting in 10s, 100s, 1,000s, 10,000s and 100,000s Compare and order numbers to one million Round numbers to one million Negative numbers Roman numerals	
	Number: Addition and subtraction	Recap Add two 4-digit numbers - one exchange Recap Add two 4-digit numbers - more than one exchange Add whole numbers with more than 4 digits (column method) Recap Subtract two 4-digit numbers - one exchange Recap Subtract two 4-digit numbers - more than one exchange Subtract whole numbers with more than 4 digits (column method) Round to estimate and approximate Inverse operations (addition and subtraction) Multi-step addition and subtraction problems	
	Statistics	Recap Interpret charts Recap Comparison, sum and difference Recap Introduce line graphs Read and interpret line graphs Draw line graphs Use line graphs to solve problems Read and interpret tables Two-way tables Timetables	

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	<p>Number: Multiplication and Division</p>	<p>Multiples Factors Common factors Activity Prime numbers Prime numbers Square numbers Cube numbers Recap Multiply by 10</p>	
		<p>Recap Multiply by 100 Multiply by 10, 100 and 1,000 Recap Divide by 10 Recap Divide by 100 Divide by 10, 100 and 1,000 Multiples of 10, 100 and 1,000 Recap Multiply 2-digits by 1-digit Recap Multiply 3-digits by 1-digit Multiply 4-digits by 1-digit Multiply 2-digits (area model) - first part of worksheet Multiply 2-digits (area model) - second part of worksheet Multiply 2-digits by 2-digits Multiply 3-digits by 2-digits New content Multiply 4-digits by 2-digits (basic practice) Multiply 4-digits by 2-digits Recap Divide 2-digits by 1-digit (1) Recap Divide 2-digits by 1-digit (2) Recap Divide 3-digits by 1-digit Divide 4-digits by 1-digit Divide with remainders</p>	

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	Measurement: Perimeter and Area	Measure perimeter Recap Perimeter on a grid Recap Perimeter of rectangles Recap Perimeter of rectilinear shapes Calculate perimeter Recap Counting squares Area of rectangles Area of compound shapes Area of irregular shapes	
	Number: Fractions	Recap What is a fraction? Recap Equivalent fractions Equivalent fractions Recap Fractions greater than 1 Improper fractions to mixed numbers Mixed numbers to improper fractions	

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	<p>Number sequences                  Compare and order fractions less than 1 (first part of worksheet)                  Compare and order fractions less than 1 (second part of worksheet)                  Compare and order fractions greater than 1 (first part of worksheet)                  Compare and order fractions greater than 1 (second part of worksheet)                  Add and subtract fractions                  Activity Add fractions within 1                  Add fractions within 1                  Add 3 or more fractions                  Add fractions                  Activity Add mixed numbers                  Add mixed numbers                  Subtract fractions                  Subtract mixed numbers                  Subtraction - breaking the whole                  Subtract 2 mixed numbers                  Multiply unit fractions by an integer                  Multiply non-unit fractions by an integer                  Multiply mixed numbers by integers                  Recap Calculate fractions of a quantity                  Fraction of an amount                  Using fractions as operators                  New content Fraction problem solving</p>	
Number: decimals and percentages.	<p>Decimals up to 2 d.p.                  Decimals as fractions (1)                  Decimals as fractions (2)                  Understand thousandths                  Thousandths as decimals                  Rounding decimals                  Order and compare decimals                  Understand percentages                  Percentages as fractions and decimals                  Equivalent F.D.P</p>	

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	<p>Number: Decimals</p>	<p>Adding decimals within 1                      Subtracting decimals within 1                      Complements to 1                      Adding decimals - crossing the whole                      Adding decimals with the same number of decimal places                      Subtracting decimals with the same number of decimal places                      New content Adding and subtracting decimals with the same number of decimal places problem solving                      Adding decimals with a different number of decimal places                      Subtracting decimals with a different number of decimal places                      New content Adding and subtracting decimals with a different number of decimal places problem solving                      Adding and subtracting wholes and decimals                      Decimal sequences                      Multiplying decimals by 10, 100 and 1,000                      Dividing decimals by 10, 100 and 1,000</p>	
	<p>Geometry: Properties of Shapes</p>	<p>Recap Identify angles                      Recap Compare and order angles                      Measuring angles in degrees                      Measuring with a protractor (1)                      Measuring with a protractor (2)                      Activity Drawing lines and angles accurately                      Drawing lines and angles accurately                      Calculating angles on a straight line                      Calculating angles around a point                      Recap Triangles                      Recap Quadrilaterals                      Calculating lengths and angles in shapes                      Regular and irregular polygons                      Reasoning about 3-D shapes</p>	
	<p>Geometry: Position and Direction</p>	<p>Recap Describe position                      Recap Draw on a grid                      Position in the first quadrant                      Translation                      Translation with coordinates</p>	

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		Recap Line of symmetry Recap Complete a symmetric figure Reflection Reflection with coordinates	
	Measurement: Converting units	Recap Kilometres Kilograms and kilometres Millimetres and millilitres Activity Metric units Metric units Activity Imperial units Imperial units Converting units of time Timetables	
	Measurement: Volume	What is volume? Compare volume Estimate volume Estimate capacity	
Year 6	Number: Place Value	Recap Numbers to 10,000 Recap Numbers to 100,000 Recap Numbers to a million Numbers to 10 million Compare and order any numbers Recap Round numbers to 10, 100 and 1,000 Round any number Activity Negative numbers Negative numbers	

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	<p>Number: Addition, Subtraction, Multiplication and Division.</p>	<p>Recap Add whole numbers with more than 4 digits (column method)                  Recap Subtract whole numbers with more than 4 digits (column method)                  Recap Inverse operations (addition and subtraction)                  Recap Multi-step addition and subtraction problems                  Add and subtract integers                  Recap Multiply 4-digits by 1-digit                  Recap Multiply 2-digits (area model)</p>	
		<p>Recap Multiply 2-digits by 2-digits                  Recap Multiply 3-digits by 2-digits                  Multiply up to a 4-digit number by a 2-digit number                  Recap Divide 4-digits by 1-digit                  Recap Divide with remainders                  Short division                  Division using factors                  Long division (1)                  Long division (2)                  Long division (3)                  Long division (4)                  Recap Factors                  Common factors                  Common multiples                  Primes to 100                  Squares and cubes                  Order of operations                  Mental calculations and estimation                  Reason from known facts</p>	

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	<p>Number: Fractions</p>	<p>Recap Equivalent fractions Simplify fractions Recap Improper fractions to mixed numbers Recap Mixed numbers to improper fractions Fractions on a number line Compare and order (denominator) Compare and order (numerator) Add and subtract fractions (1) Activity Add and subtract fractions activity (denominators are not multiples) Add and subtract fractions (2) Recap Add mixed numbers Add fractions Recap Subtract mixed numbers Subtract fractions Mixed addition and subtraction Multiply fractions by integers</p>	
		<p>Multiply fractions by fractions Divide fractions by integers (1) Divide fractions by integers (2) Four rules with fractions Fraction of an amount Fraction of an amount - find the whole</p>	
	<p>Geometry: Position and Direction</p>	<p>The first quadrant Four quadrants Translations Reflections</p>	

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	<p>Number: Decimals</p>	<p>Recap Decimals up to 2 d.p.                      Recap Understand thousandths                      Three decimal places                      Multiply by 10, 100 and 1,000                      Divide by 10, 100 and 1,000                      Multiply decimals by integers                      Divide decimals by integers                      Division to solve problems                      Decimals as fractions                      Fractions to decimals (1)                      Fractions to decimals (2)</p>	
	<p>Number: percentages</p>	<p>Recap Understand percentages                      Fractions to percentages                      Equivalent FDP                      Order FDP                      Percentage of an amount (1)                      Percentage of an amount (2)                      Percentages - missing values</p>	
	<p>Number: Algebra</p>	<p>Find a rule - one step                      Find a rule - two step                      Forming expressions                      Substitution                      Formulae                      Forming equations</p>	
		<p>Solve simple one-step equations                      Solve two-step equations                      Find pairs of values (1)                      Find pairs of values (2)</p>	

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	Measurement: Converting units	Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measures	
	Measurement: Perimeter, Area and Volume	Shapes - same area Area and perimeter Area of a triangle (1) Area of a triangle (2) Area of a triangle (3) Area of a parallelogram Recap What is volume? Volume - counting cubes Volume of a cuboid	
	Number: Ratio	Use ratio language Ratio and fractions Introducing the ratio symbol Activity Calculating ratio Calculating ratio Using scale factors Calculating scale factors Ratio and proportion problems New content Ratio and proportion problems (2)	
	Statistics	Read and interpret line graphs Draw line graphs Use line graphs to solve problems Circles Read and interpret pie charts Pie charts with percentages Draw pie charts	

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		Activity The mean The mean	
	Geometry: Properties of shapes	Measure with a protractor Recap Draw lines and angles accurately Introduce angles Recap Angles on a straight line Recap Angles around a point Calculate angles Vertically opposite angles Angles in a triangle Angles in a triangle - special cases Angles in a triangle - missing angles Angles in special quadrilaterals Angles in regular polygons Draw shapes accurately Draw nets of 3-D shapes	

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