



Maths Overview showing sequential learning

2021-2022

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 $a + b > c$ Comparing addition and subtraction statements $a + b > c + d$</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 & 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 & 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 & mass Introduce weight & 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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	Number: Place Value (within 100)	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	
	Measurement: Money	Recognising coins Recognising notes Activity Counting in coins Counting in coins	
	Measurement: Time	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	

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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)</p> <p>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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Number: Fractions	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	
Measurement: Length and Height.	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	
Geometry: Position and Direction	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	
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	

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		<p>Find durations of time Compare durations of time</p>	
	<p>Measurement: Mass, Capacity and Temperature.</p>	<p>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</p>	
<p>Year 3</p>	<p>Number: Place Value</p>	<p>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</p>	

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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 & add tens Recap Subtract a 2-digit number from a 2-digit number - crossing 10 - subtract ones & 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>	
Statistics	<p>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</p>	

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		<p>Bar charts Tables</p>	
	Measurement: Length and Perimeter	<p>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</p>	
	Number: Fractions	<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>	

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	<ul style="list-style-type: none"> 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 	
Measurement: Time	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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 Subtract two 4-digit numbers - one exchange Subtract two 4-digit numbers - more than one exchange Efficient subtraction Estimate answers Checking strategies</p>	
Measurement: Length and perimeter.	<p>Recap Equivalent lengths - m and cm Recap Equivalent lengths - mm and cm Kilometres Recap Add lengths Recap Subtract lengths Recap Measure perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of rectilinear shapes</p>	
Number: Multiplication and Division.	<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>	

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		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	
	Measurement: Area	What is area? Counting squares Making shapes Comparing area	
	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>	
Year 5	Number: Place Value	<p>Recap 1,000s, 100s, 10s and 1s</p> <p>Numbers to 10,000</p> <p>Recap Rounding to the nearest 10</p> <p>Recap Rounding to the nearest 100</p> <p>Rounding to 10, 100 and 1,000</p>	

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	<p>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</p>	
Number: Addition and subtraction	<p>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</p>	
Statistics	<p>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</p>	
Number: Multiplication and Division	<p>Multiples Factors Common factors Activity Prime numbers Prime numbers Square numbers Cube numbers Recap Multiply by 10</p>	

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		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	
	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>	
	<p>Number: decimals and percentages.</p>	<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	
	Number: Addition, Subtraction, Multiplication and Division.	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)	

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		<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>	
	<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>	

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		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	
	Geometry: Position and Direction	The first quadrant Four quadrants Translations Reflections	
	Number: Decimals	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)	
	Number: percentages	Recap Understand percentages Fractions to percentages Equivalent FDP Order FDP Percentage of an amount (1) Percentage of an amount (2) Percentages - missing values	
	Number: Algebra	Find a rule - one step Find a rule - two step Forming expressions Substitution Formulae Forming equations	

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		<p>Solve simple one-step equations Solve two-step equations Find pairs of values (1) Find pairs of values (2)</p>	
	Measurement: Converting units	<p>Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measures</p>	
	Measurement: Perimeter, Area and Volume	<p>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</p>	
	Number: Ratio	<p>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)</p>	
	Statistics	<p>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</p>	

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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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