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<p>FS</p>	<p><u>Place value (to 2)</u></p> <p>Matching and sorting amounts</p> <p>Comparing amounts</p> <p>Representing</p> <p>Counting forwards and backwards</p> <p>More/less</p> <p>Odd and even</p> <p><u>Addition and Subtraction</u></p> <p>Composition</p> <p><u>Multiplication and division</u></p>	<p><u>Place value (to 5)</u></p> <p>Comparing amounts</p> <p>Representing</p> <p>Counting forwards and backwards</p> <p>Odd and even</p> <p><u>Addition and Subtraction</u></p> <p>One more/less</p> <p>Composition</p> <p>Problem solving</p> <p><u>Multiplication and division</u></p> <p>Doubling and halving</p> <p><u>Shape, space and measures</u></p> <p>Triangles</p> <p>Rectangles</p> <p>Squares</p> <p>Pentagons</p> <p>time</p>	<p><u>Place value (to 7)</u></p> <p>Comparing amounts</p> <p>Representing</p> <p>Counting forwards and backwards</p> <p>Odd and even</p> <p><u>Addition and Subtraction</u></p> <p>One more/less</p> <p>Combining 2 groups</p> <p>Composition</p> <p>Problem solving</p> <p><u>Multiplication and division</u></p>	<p><u>Place value (to 10)</u></p> <p>Comparing amounts</p> <p>Representing</p> <p>Counting forwards and backwards</p> <p>Odd and even</p> <p><u>Addition and Subtraction</u></p> <p>One more/less</p> <p>Combining 2 groups</p> <p>Composition</p> <p>Number bonds to 10</p> <p>Problem solving</p> <p><u>Multiplication and division</u></p> <p>Doubling and halving</p> <p><u>Shape, space and measures</u></p> <p>Length/height</p> <p>Time</p> <p>3D shape</p> <p>Pattern</p>	<p><u>Place value (to 20)</u></p> <p>Comparing amounts</p> <p>Building numbers beyond 10</p> <p>Counting patterns beyond 10</p> <p>Odd and even</p> <p><u>Addition and Subtraction</u></p> <p>Taking away</p> <p>Adding more</p> <p><u>Shape, space and measures</u></p> <p>Length/height</p> <p>Spatial reasoning</p> <p>Compose and decompose shapes</p>	<p><u>lace value (to 20)</u></p> <p>Comparing amounts</p> <p>Building numbers beyond 10</p> <p>Counting patterns beyond 10</p> <p>Deepening understanding, patterns and relationships</p> <p>Odd and even</p> <p><u>Addition and Subtraction</u></p> <p>Taking away</p> <p>Adding more</p> <p><u>Multiplication and division</u></p> <p>Doubling and</p>
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	<p>Doubling and halving</p> <p><u>Shape, space and measures</u></p> <p>Circles</p> <p>Positional language</p> <p>Compare size, mass and capacity, exploring pattern</p>		<p>Doubling and halving</p> <p><u>Shape, space and measures</u></p> <p>Comparing mass/capacity</p> <p>Length/height</p> <p>hexagons</p> <p>time</p>			<p>halving</p> <p>Sharing and grouping</p> <p><u>Shape, space and measures</u></p> <p>Length/height</p> <p>Spatial reasoning</p> <p>Compose and decompose shapes</p>
Y1	<p>Number and Place Value within 10- sorting objects within 10, partitioning numbers within 10 and representing numbers within 10.</p> <p>Addition and Subtraction within 10 using concrete and pictorial representations.</p>	<p>Addition and Subtraction within 10- adding a one digit number with a one digit number. Subtracting a one digit number from 10.</p> <p>Geometry- 2D and 3D shapes.</p> <p>Number and Place Value within 20- partitioning</p>	<p>Number and Place Value within 20- partitioning numbers within 20 and representing numbers within 20. .</p> <p>Addition and Subtraction within 20-adding a one digit number with a two digit number. Subtracting a</p>	<p>Measurement: Finding the length and height of objects by measuring using a ruler.</p> <p>Measurements: mass and volume- using practical resources and mathematical units (g, ml, l) to measure mass and capacity.</p>	<p>Multiplication and division- using arrays and concrete resources to count in 2s, 5s and 10s.</p> <p>Fractions- finding $\frac{1}{2}$ and $\frac{1}{4}$ of a shape and moving onto finding $\frac{1}{2}$ and $\frac{1}{4}$ of a quantity.</p>	<p>Number and Place Value within 100- partitioning numbers within 100 and representing numbers within 100.</p> <p>Money- recognising the value of coins, comparing amounts and recognising notes.</p>

		<p>numbers within 20 and representing numbers within 20. .</p>	<p>one digit number from a two-digit number.</p> <p>Number and Place Value within 50- partitioning numbers within 50 and representing numbers within 50.</p>		<p>Position and Direction- recognising quarter, half, three-quarter and full turns.</p>	<p>Time- telling the time to the hour and half hour using an analogue clock.</p>
Y2	<p>Number and place value with numbers up to 100, partitioning and representing</p> <p>Addition and Subtraction of 2 digit numbers using informal methods to solve problems</p> <p>Revise counting, 1 more, 1 less</p>	<p>Addition and Subtraction of 2 digit numbers to solve problems</p> <p>Geometry: Properties of shapes, naming and discussing properties of 2D shapes, drawing and identifying</p> <p>Geometry: Properties of shapes, naming and discussing properties of 3D shapes, comparing and identifying</p>	<p>Measurement - money, counting the value of coins, comparing amounts, finding totals and change</p> <p>Multiplication and division by sharing and finding equal groups, using the 2 x table</p> <p>Revise counting weight, length and time and their units</p> <p>Multiplication and division</p>	<p>Measurement: Finding the length and height of objects by measuring and estimating and understanding the units we use</p> <p>Mass, capacity and temperature. Using units to measure in these different ways and reading scales in order to solve problems</p> <p>Measurement: Finding the length and height of objects</p>	<p>Statistics through looking at pictograms and tally charts</p> <p>Fractions, finding $\frac{1}{2}$ and $\frac{1}{3}$ of shapes and amounts</p> <p>Fractions, finding $\frac{1}{4}$ and $\frac{3}{4}$ of shapes and amounts and using fractions to solve problems</p>	<p>Geometry: Position and direction, moving from one point to another using directional instructions and instructions to turn</p> <p>Measurement: Telling time to the nearest 5 minute interval and calculating periods of time</p> <p>Telling the time to the nearest hour and half hour as well as</p>

			<p>using arrays and written methods, 5 and 10 x table</p> <p>Arithmetic questions using the four operations (+-x÷)</p>	<p>by measuring and estimating and understanding the units we use</p> <p>Arithmetic questions using the four operations (+-x÷)</p>	<p>Arithmetic questions using the four operations (+-x÷)</p>	<p>quarter to and past.</p> <p>Arithmetic questions using the four operations (+-x÷)</p>
Y3	<p>Number and Place Value: Value of a 3 digit number Ordering and Comparing Numbers Counting in 50s</p> <p>Addition and Subtraction: Adding and subtracting single digits, two digits and 3 digit numbers including the formal written methods</p>	<p>Addition and Subtraction: Adding single digits, two digits and 3 digit numbers including the formal written methods</p> <p>Multiplication and Division: x3, x4, x8 tables and related division facts</p> <p>Multiplication and division: (sharing) including arrays and part-whole models</p>	<p>Multiplication and Division: including formal written methods of short multiplication and division (2 digit by 1 digit) Solving multiplication and division problems</p> <p>Measurements: length and perimeter What is perimeter? Scaling How many ways? Finding the perimeter of a shape Add and Subtract Lengths</p>	<p>Fractions What makes a whole? Recognise and find $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ Unit and Non-Unit fractions Counting in fractions Finding tenths Finding a fraction of a set of objects</p> <p>Measurements: mass and capacity Measure and Compare mass and capacity Add and Subtract Mass and Capacity</p>	<p>Equivalent fractions Compare and Order fractions Fractions on a number line</p> <p>Measurements: money Recognising coins, adding and subtracting money, given change</p> <p>Time: analogue and digital Days of week Months and years Hours in a day Telling the time to the nearest five minutes and with improving</p>	<p>Time Duration of events; comparison of duration; Start and end times; Seconds Problem Solving</p> <p>Angles Right angles in a shapes Compare angles Draw accurately Horizontal and vertical Geometry: properties of shape Parallel and perpendicular Recognise and describe 2D shapes Recognise and describe 3D shapes</p>

			Comparing lengths		accuracy to the nearest minute O'clock Hourly Half past Quarter past, to 24 hour time	Make 3D shapes Statistics and Data Revision of tally charts Pictograms Bar charts Tables
Y4	<p>Number and place value Place value of 2,3,4 digit numbers, rounding nearest 10 and 100 Rounding</p> <p>Addition and subtraction using formal written methods - 4 digit numbers including exchange and crossing 10s</p>	<p>Area - of 2D shapes, drawing and counting on squared paper, making and comparing</p> <p>Multiplication and division using formal written methods - by 10 and 100, 2 and 3 digit numbers</p>	<p>Multiplication and division: 11,12,6,7,9 times table focus Dividing 1 and 2 digits by 10 and 100</p> <p>Length and perimeter - M,CM,MM,KM. Adding and subtracting lengths</p>	<p>Fractions - tenths and equivalent fractions</p> <p>Adding and subtracting fractions, improper and mixed fractions with same denominator, number lengths of mixed numbers</p> <p>Decimals - comparing and ordering decimals. making a whole. Knowing what $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ are as decimals</p>	<p>Decimals - tenths and hundredths on number line and place value grids</p> <p>Measurement: Money - pounds, pence, ordering and estimating money. Converting money</p> <p>Measurement: Time - practical time including 5 minute intervals, AM and PM, Months, years days, calendars, minutes, seconds and hours 12 and 24 hour time - digital and analogue</p>	<p>Geometry: Shape - recapping 2d and 3d shapes and properties turns and angles, comparing them and identifying them. Drawing and identifying polygons using specific coordinates. Symmetry</p> <p>Statistics - interpreting charts and graphs, comparing and drawing and gathering data</p> <p>Geometry: Position and direction - describing and drawing the movements</p>

Y5	<p>Number and Place Value Numbers up to 1 million 1's,10's,100's 1000's Compare and Order numbers to 1 million Rounding numbers up to 1 million to the nearest 10, 100, 1000 Negative Numbers</p> <p>Addition and Subtraction Add numbers up to 4 digits with more than one exchange Subtracting up to 4 digits with more than one exchange Inverse operations Multi-step problems Rounding to estimate</p> <p>Multiplication and Division Multiples Factors Common Factors</p>	<p>Multiplication and Division Square numbers Cube numbers Multiply and Divide by 10,100 and 1000 Multiples of 10,100 and 1000</p> <p>Fractions What is a fraction? Equivalent fractions Compare and order fractions less than 1 Fractions greater than 1 Mixed Numbers and Improper Fractions Number sequences</p>	<p>Multiplication and Division Multiply up to 4 digit by 1 digit numbers Multiply up to 4 digit by 2 digit numbers Divide up to 4 digit numbers by 1 digit numbers Divide with remainders</p> <p>Fractions</p> <p>Adding and Subtracting Fractions Multiplying Fraction by integers Fractions of a quantity Comparing and ordering decimals Recognising decimals as fractions (tenths, hundredths and thousandths. Understanding percentages Equivalent FDP</p> <p>Mixed Operations</p>	<p>Area and Perimeter Measuring perimeter Perimeter on a grid Perimeter of a rectangle Perimeter of a rectilinear shape Area - counting squares Area of rectangles Area of compound shapes Area of irregular shapes</p> <p>Statistics Interpret charts Comparison, sum and difference Line graphs Tables Two way Tables Timetables</p>	<p>Properties of Shape triangles, quadrilaterals, calculating lengths and angles of shapes, regular and irregular polygons, reasoning about 3D shapes.</p> <p>Angles Identifying, comparing and ordering angles.</p> <p>Measuring and drawing angles using a protractor.</p> <p>Calculating angles on a straight line and around a point.</p> <p>Describing position, position on a grid, position in the first quadrant.</p> <p>Decimals</p>	<p>Negative Numbers</p> <p>Translation with coordinates.</p> <p>Converting units of measure time Timetables What is Volume? Compare Volume Estimate Volume Estimate Capacity</p>
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	Prime Numbers		Addition, subtraction, multiplication and Division methods Choosing the correct operation Choosing the correct method Multi-step problems		Adding and Subtracting decimals with the same and different number of decimals Compliments to one Money - problem solving Multiply and divide decimals by powers of ten	
Y6	Number and place value: Place value to 10,000,000 Decimals place value to 3 dp including problem solving and reasoning Rounding whole numbers to 10, 100 and 1000 Negative numbers (in context) Negative numbers (more abstract) Add whole numbers with more than 4	Fractions Equivalents, simplifying, converting between mixed and improper fractions, fractions on a number line, adding and subtracting fractions and mixed numbers, multiplying fractions by fractions and integers, dividing fractions, fractions of amounts (including finding the whole). All will	Ratio Using ratio language Ratio and fractions Introducing ratio symbol Calculating ratio Using scale factors Calculating scale factors Ratio and proportion problems Algebra Find a rule - one step Find a rule - two step Forming expressions	Fractions, decimals and percentages Decimals as fractions Fractions to decimals Understanding percentages Fractions to percentages Equivalent FDP Percentage of amount Percentages (missing values) All will include reasoning and problem solving. Area and perimeter	Angles Angles in a triangle Angles in a triangle (special cases) Angles in a triangle - missing angles Angles in quadrilaterals (special/regular) All will include reasoning and problem solving. Shape Co-ordinates in the first quadrant and all four quadrants Translations	Money (adding and subtracting decimal numbers to 3.d.p) Time - tell time to the nearest minute Solve problems and reason with time Revise: Interpret pie charts Pie charts with percentages Draw pie charts Mean All will include reasoning and problem solving.

	<p>digits (decimals to 3 d.p. included) Subtract whole numbers with more than 4 digits (decimals to 3 d.p. included) Addition and subtraction inverse Multi Step +/- problems including reasoning Multiply 4 digits by 1 digit Multiply 2 digits (area model) Multiply 2/3/4 digits by 2 digits Divide 4 digits by 1 Divide with remainders Division using factors Long division All will include reasoning and problem solving.</p> <p>Number: factors, primes, multiples, squares and cubes</p>	<p>include reasoning and problem solving.</p> <p>Measures Metric measures Convert metric measures Calculate with metric measures Miles to KM Imperial measures All will include reasoning and problem solving.</p>	<p>Substitution Formulae Forming equations Solve simple one/two step equations Find pairs of values All will include reasoning and problem solving.</p> <p>Decimals Multiply decimals by integers Divide decimals by integers Division to solve problems</p>	<p>Area of triangles, parallelograms Volume What is volume? Volume - counting cubes Volume of a cuboid All will include reasoning and problem solving.</p> <p>Statistics Read and interpret line graphs Draw line graphs Solve problems Circles Interpret pie charts Pie charts with percentages Draw pie charts Mean All will include reasoning and problem solving.</p>	<p>Reflections All will include reasoning and problem solving.</p>	<p>Maths in context linked to Fundraising</p> <p>Angles Measure with a protractor Draw angles Angles on a straight line/point Vertically opposite angles All will include reasoning and problem solving.</p>
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	<p>Order of operations (BODMAS)</p> <p>Mental calculations and estimations</p> <p>Reasoning from known facts</p>					
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