

Year 3 - Autumn	Week 1 – 3	Week 4 – 8	Week 9-12
Unit	Number: Place Value	Number: Addition and Subtraction	Number: Multiplication and Division
National Curriculum Links	count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number recognise the place value of each digit in a three-digit number (hundreds, tens, ones) compare and order numbers up to 1000 identify, represent and estimate numbers using different representations read and write numbers up to 1000 in numerals and in words solve number problems and practical problems involving these ideas.	add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction estimate the answer to a calculation and use inverse operations to check answers solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects
Key Vocabulary	hundreds (100s), tens (10s), ones (1s) place value more, less greater than (>), less than (<), order, compare digit, one thousand part-whole model, place value grid, number line estimate, halfway, exchange taller, tallest, longest, shortest, greatest, smallest, most, least, fewest	add, addition subtract, subtraction, take away, difference exchange, pattern, variation, column method, mental method, part-whole model, number line total, altogether, calculations, regroup, partition, solutions place value, number bonds, fact family, related facts, number statements, method, order hundreds (100s), tens (10s), ones (1s), digits, zero (0) multiple of 10, multiples of 100,	equal groups, unequal groups, shared equally multiply ($\times$), multiplication statement, multiplication fact, multiplication sentence, divide ($\div$), division statement, division fact times-table group, share whole, le over, remainder one-step, two-step, multi-

		3-digit number, 2-digit number, 10 ones, 10 tens le, greater than (>), less than (	step array, bar model, number line pattern count up, total, double, method repeated addition
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Year 3 - Spring	Week 1 – 3	Week 4-6	Week 7-9	Week 10-12
Unit	Multiplication and Division	Measurement: Length and Perimeter	Fractions	Measurement: Mass and Capacity
National Curriculum Links	recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) measure the perimeter of simple 2-D shapes	count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole compare and order unit fractions, and fractions with the same denominators	measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) measure the perimeter of simple 2-D shapes measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

Key Vocabulary	equal groups, unequal groups, shared equally multiply ($\times$), multiplication statement, multiplication fact, multiplication sentence, divide ($\div$), division statement, division fact times-table group, share whole, le over, remainder one-step, two-step, multi-step array, bar model, number line pattern count up, total, double, method repeated addition	millimetres (mm), centimetres (cm), metres (m) measure, measurement length, height, width, distance, diagonal ? ruler, metre stick, metre ruler longer, shorter, longest, shortest, furthest perimeter addition, subtraction	part, whole, equal parts, fraction, unit fraction, non-unit fraction, denominator, numerator partition, split, share, group, interval, combine, count on, count back, represent halves, thirds, quarters, fi hs, sixths, sevenths, eighths, ninths, tenths, elevenths, twel hs mixed number, whole number, fractional part, integer, set of objects	millimetres (mm), centimetres (cm), metres (m) measure, measurement length, height, width, distance, diagonal ? ruler, metre stick, metre ruler longer, shorter, longest, shortest, furthest perimeter addition, subtraction mass, weigh, measure, grams (g), kilograms (kg) interval, scale capacity, amount, measurement litres (l), millilitres (ml) scale, number line, interval compare, convert, order

Year 3 - Summer	Week 1 – 2	Week 3-4	Week 5-7	Week 8-9	Week 10-11	Week 12
Unit	Fractions	Money	Time	Geometry: Properties of Shape	Statistics	Consolidation
National Curriculum Links	count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators recognise and show, using diagrams, equivalent fractions with small denominators	add and subtract amounts of money to give change, using both £ and p in practical contexts Pupils continue to become fluent in recognising the value of coins, by adding and subtracting amounts, including mixed units, and giving change using manageable amounts. They record £ and p separately.	tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight know the number of seconds in a minute and the number of days in each month, year and leap year	draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them recognise angles as a property of shape or a description of a turn identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	interpret and present data using bar charts, pictograms and tables solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.	

	add and subtract fractions with the same denominator within one whole compare and order unit fractions, and fractions with the same denominators		compare durations of events [for example to calculate the time taken by particular events or tasks].			
Key Vocabulary	part, whole, equal parts, fraction, unit fraction, non-unit fraction, denominator, numerator partition, split, share, group, interval, combine, count on, count back, represent halves, thirds, quarters, fifths, sixths, sevenths, eighths, ninths, tenths, elevenths, twelfths mixed number, whole number, fractional part, integer, set of objects	pounds (£) and pence (p) convert total difference change	month, year, leap year, months of the year, day, hour, minute, second midnight, midday/noon hour hand, minute hand, past, to, half past, o'clock, quarter past, quarter to, Roman numerals longer, shorter, the same, units, last, convert, how long, less, passed, fastest, slowest 12-hour clock, 24-hour clock start time, end time, duration, time taken, finish, forwards, backwards, twice daytime, night time, around the clock, am, pm	right angle, quarter turn, half turn, acute angle, obtuse angle vertical, horizontal, parallel, perpendicular triangle, quadrilateral, square, rectangle, trapezium, rhombus, kite, pentagon, hexagon cube, cuboid, sphere, pyramid, prism, cylinder, cone, triangular prism, square-based pyramid, tetrahedron describe, property, 2D, 3D, draw accurately, construct	pictogram key symbol compare least, most altogether bar chart horizontal axis, vertical axis scale half-way between table row, column order smallest, largest total	

			morning, afternoon, evening, night.			
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