

Year 6	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure	Fractions, decimals & %	Position and directions	Statistics	Algebra
<i>Knowledge</i>	Number up to ten million Compare and order any number Round any number Negative numbers	Add and subtract whole numbers. Solve multi step problems-Which operation to use and why?	Multiply 4 digit number by 2 digit Short division Division using factors Long division Divide 4 digit by 2 digit using written methods. Interpret remainders as whole number remainders, fractions or by rounding. Common factors Common multiples Primes Squares and cubes Order of operations- Written and mental methods. Reason using known facts	24 hour clock	Embedded with the four operations	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3dp. Convert miles and kilometres. Measure with a protractor Introduce angles 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 Nets of 3D shapes	Simplify fractions Compare and order fractions, including fractions more than 1 Add and subtract fraction (inc different denominators and mixed numbers) Multiply simple pairs of proper fractions Divide proper fractions by whole numbers Fractions in an amount -Recall and use equivalences between simple fractions, decimals and percentages including in different contexts. 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 Fractions to percentages Equivalent FDP Percentage of an amount Percentages – missing values Percentage increase and decrease Order FDP	Four quadrants Translations Reflections	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 The mean	-Use simple formulae. -Generate and describe linear number sequences. -Express missing number problems algebraically. -Find pairs of numbers that satisfy an equation with two unknowns. -Enumerate possibilities of combinations of two variables.
<i>Vocabulary</i>	negative numbers, positive numbers, intervals, ten million, placement of commas, inaccurate, multiples, round,	exchange, remainders, addend, sum, total, minuend, subtrahend, difference, inverse, altogether,	factorise, factor, squared, mean, average statistics, distribution, prime, prime	Greenwich Mean Time, British Summer Time International Date Line	profit, loss	circumference, yard, feet, foot, inches, inch tonne, pound (lb), ounce (oz), centilitre (cl), stone, pint, gallon, ounces, circumference, concentric, arc, intersecting, intersection plane, tangram dodecahedron, kite parallelogram, trapezium decimal, metric measure, mass, capacity, length, height, convert, miles, milometers, furthest area, perimeter, units, length, width, estimate, approximately, volume, visualise, regular polygon, quadrilaterals, angles, net, right angle, obtuse, acute, reflex)	common factors, express, numeral, denominator, simplify, compare, or more than, less than, equal too, 1 inear numbers, add, subtract, equivalent fractions, simplest form, proper fraction, integers, estimate, common multiples, convert simplest form, whole, improper divide, multiply, add, subtract,	quadrant, translation, reflection, coordinate, coordinate plane, axes, vertex, positive, x axis, y axis, plot,	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 The mean	formulae, linear, generate, equation, variables, express, Enumerate possibilities, input, output, trail and improvement, algebraic, numeral, substitute, unknown,

Year 5	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure	Fractions, decimals & %	Position and direction	Statistics
<i>Knowledge</i>	Number to 10,000 Roman numerals to 1,000 Round to the nearest 10, 100 and 1,000 Number 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 a million Round numbers to a million Negative numbers	Add whole numbers with more than 4-digits (column method) 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	Multiples Factors Common factors Prime numbers Square numbers Cube numbers Inverse operations (Multiplication and Division) Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiply and divide by multiples of 10, 100 and 1,000 Multiply and divide numbers mentally drawing upon known facts. Multiply 4-digits by 1-digit Multiply 2-digits (area model) Multiply 2-digits by 2-digits Multiply 3-digits by 2-digits Multiply 4-digits by 2-digits Divide 4-digits by 1-digit Divide with remainders Solve problems using all four operations	Hours, minutes, seconds Days, weeks, months, year 24 hour clock	Embedded with the four operation (word problems)	Measure perimeter Calculate perimeter Find unknown lengths Area of rectangles Area of compound shapes Estimate and approximate area Measuring angles in degrees Measuring with a protractor (1) Drawing lines and angles accurately Calculating angles on a straight line Add mixed numbers Calculating angles around a point Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3D shapes Kilograms and kilometres Milligrams and millilitres Metric units Imperial units Converting units of time Timetables What is volume? Compare volume Estimate volume Estimate capacity	Equivalent fractions Improper fractions to mixed numbers Mixed numbers to improper fractions Number sequences Compare and order fractions less & greater than 1 Add and subtract fractions Add fractions within 1 Add 3 or more fractions Add fractions Subtract fractions Subtract mixed numbers Subtract – breaking the whole -Solve problems involving number up to three decimal places. -Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. -Use all four operations to solve problems involving measure Decimals up to 2 d.p. Decimals as fractions (1) Decimals as fractions (2) Understand thousandths Thousands as decimals Rounding decimals Order and compare decimals Understand percentages Percentages as fractions and decimals Equivalent F.D.P	Position in the first quadrant Reflection Reflection with coordinates Translation Translation with coordinates	Read and interpret line graphs Draw line graphs Use line graphs to solve problems Read and interpret tables Two way tables Timetables
<i>Vocabulary</i>	greater than or equal to ≤, less than or equal to, ascending/descending order, is approximately equal to, round to the nearest thousand, number, count, how many...? odd, even, every other, how many times?, multiple of digit, next, consecutive sequence	add, addition, more, plus, increase, sum, total, altogether, score double, near double, how many more to make...?, subtract, subtraction, take (away), minus, decrease leave, how many are left/left over? difference between, half, halve how many more/fewer is... than...? how much more/less is...? equals, sign, is the same as, tens boundary, hundreds boundary, units boundary, tenths boundary, inverse	lots of, groups of times, multiply, multiplication, multiplied by multiple of, product, once, twice, three times... ten times... and times as (big, long, wide... and so on), repeated addition array, row, column, double, halve share, share equally, equal groups of divide, division, divided by, divided into, remainder factor, quotient, divisible by, inverse	am, pm, noon, midnight, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late, earliest, latest, quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, how long ago? how long will it be to...? how long will it take to...? timetable, arrive, depart, hour, minute, second, o'clock, half past, quarter to, quarter past, clock, watch, hands, digital/analogue clock/watch, timer, 24-hour clock, 12-hour clock, how often?, always, never, often, sometimes, usually	discount, currency	symmetrical line of symmetry, axis of symmetry line symmetry, reflective symmetry fold match mirror line, reflection, reflect pattern, repeating pattern, translation kilogram (kg), half-kilogram, gram (g) balance, scales far, further, furthest, near, close distance apart/between, distance to... from... edge, perimeter kilometre (km), metre (m) centimetre (cm), millimetre (mm) mile	part, equal parts fraction, proper/improper fraction mixed number, numerator, denominator equivalent, reduced to, cancel, one whole half, quarter, eighth, third, sixth, ninth, twelfth, fifth, tenth, twentieth, hundredth, proportion, ratio, in every, for every, to every, as many as, decimal, decimal fraction, decimal point, decimal place, percentage, per cent, %	horizontal, vertical, diagonal parallel, perpendicular x-axis, y-axis quadrant movement slide, roll whole turn, half turn, quarter turn rotate, rotation angle, ...is a greater/smaller angle than right angle, acute, obtuse degree straight line stretch, bend ruler, set square angle measurer, compasses, protractor	

Year 4	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure	Fractions & Decimals	Position and direction	Statistics
<i>Key knowledge</i>	Roman numerals to 100 Round to the nearest 10 Round to the nearest 100 Count in 1,000s 1,000s, 100s, 10s and 1s Partitioning Number line to 10,000 1,000 more or less Compare numbers Order numbers Round to the nearest 1,000 Count in 25s Negative numbers	Add and subtract 1s, 10s, 100s and 1000s Add two 4 digit numbers (no exchange) Add two 4 digit numbers (one exchange) Add two 4 digit numbers (more than one exchange) Subtract two 4 digit numbers (no exchange) Subtract two 4 digit numbers (one exchange) Subtract two 4 digit numbers (more than one exchange) Efficient subtraction Estimate answers Checking strategiess	Multiply by 10 Multiply by 100 Divide by 10 Divide by 100 Multiply by 1 and 0 Divide by 1 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 Multiply 2-digits by 1-digit Multiply 3-digits by 1-digit Divide 2-digits by 1-digit (1) Correspondence problems	Hours, minutes and seconds Years, months, weeks and days Analogue to digital – 12 hour Analogue to digital – 24 hour Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Pounds and pence Ordering amounts of money Using rounding to estimate money Four operations-Solve simple measure and money problems involving fractions and decimals to two decimal places.	-Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres -Convert between different units of measure [for example, kilometre to metre] What is area? Counting squares Making shapes Comparing area Identify angles Compare and order angles Triangles Quadrilaterals Lines of symmetry Complete a symmetric figure	What is a fraction? Equivalent fractions (1) Fractions greater than 1 Count in fractions Add 2 or more fractions Subtract 2 fractions Subtract from whole amounts Calculate fractions of a quantity Problem solving – calculate quantities 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 Make a whole Write decimals Compare decimals Order decimals Round decimals Halves and quarters	Describe position Draw on a grid Move on a grid Describe a movement on a grid	Interpret charts (bar/pictogram) Comparison, sum and difference Introducing line graphs
<i>Vocabulary</i>	units, ones tens, hundreds, thousands ten thousand, hundred thousand, million digit, one-, two-, three- or four-digit number numeral, place, place value stands for, represents, exchange, the same number as, as many as , greater than, more than, larger than, bigger than <, less than, fewer than, smaller than, greatest, most, largest, biggest, least, fewest, smallest, one... ten... one hundred... one thousand more/less compare, order, size, approximate, approximately, exact, exactly too many, too few, enough, not enough, round (up or down), nearest, round to the nearest ten, round to the nearest hundred, integer, positive, negative, above/below zero, minus	add, addition, more, plus, increase, sum, total, altogether score, double, near double how many more to make...? subtract, subtraction, take (away), minus, decrease leave, how many are left/left over? difference between half, halve, how many more/fewer is... than...? how much more/less is...? equals, sign, is the same as, tens boundary, hundreds boundary, inverse, addend,	multiples, factors, lots of, groups of, times, multiply, multiplication, multiplied by, multiple of, product, once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition, array, row, column, double, halve share, share equally, one each, two each, three each... group in pairs, threes... tens equal groups of, divide, division, divided by, divided into, remainder, factor, quotient, divisible by, inverse	time, days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter, day, week, fortnight, month, year, leap year, century, millennium weekend, birthday, holiday, calendar, date, date of birth, morning, afternoon, evening, night	money, coin, note, penny, pence, pound (£) price, cost, buy, bought, sell, sold spend, spent, pay, change, dear, costs more, more/most expensive, cheap, costs less, cheaper, less/least expensive how much...? how many...? total, amount, value, worth	edge, perimeter, kilometre (km), metre (m), centimetre (cm), millimetre (mm), mile, measure, measurement, size, compare, unit, standard unit, metric unit, imperial unit, measuring scale, division guess, estimate, enough, not enough, too much, too little, too many, too few, nearly, roughly, about, close to, about the same as, approximately, just over, just under mass: big, bigger, small, smaller, balances weight: heavy/light, heavier/lighter, heaviest/lightest weigh, weighs kilogram (kg), half-kilogram, gram (g) balance, scales capacity full, half full, empty, holds, contains, litre (l), half-litre, millilitre (ml), pint, container, measuring cylinder area, covers, surface, square centimetre (cm ²) construct, draw, sketch, centre, radius, diameter, net, surface, angle, right-angled, base, square-based, vertex, vertices, layer, diagram, regular, irregular, concave, convex, open, closed, 3D, three-dimensional, 2D, two-dimensional	unit, non- unit, tenths, decimals, whole, numerator, denominator, number line, equal parts, shaded, unshaded, partition, divided, equally, mixed numbers, sequences, bar model, eighths, equivalent, sixths, halves, thirds, quarters, twelfths, compare, more than, less than, equal to, altogether, proportion, in every, for every decimal, decimal fraction decimal point, decimal place	position, over, under, underneath, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back before, after, beside, next to, opposite, apart, between, middle, edge, centre, corner, direction, journey, route, map, plan left, right, up, down, higher, lower, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from, ascend, descend, grid, row, column, origin, coordinates, clockwise, anti-clockwise, compass point, north, south, east, west (N, S, E, W), north-east, north-west, south-east, south-west (NE, NW, SE, SW), horizontal, vertical, diagonal, movement slide, roll, whole turn, half turn, quarter turn, rotate, angle, ... is a greater/smaller angle than, right angle, degree, straight line stretch, bend, ruler, set square, angle measurer, compasses	count, tally, sort, vote survey, questionnaire, data graph, pictogram represent group, set list, chart, bar chart, tally chart table, frequency table Carroll diagram, Venn diagram label, title, axis, axes diagram most popular, most common least popular, least common

Year 3	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure	Fractions	Position and direction	Statistics
<i>Knowledge</i>	Hundreds Represent numbers to 1,000 100s, 10s and 1s (1) 100s, 10s and 1s (2) Number line to 1,000 Find 1, 10, 100 more or less than a given number Compare objects to 1,000 Compare numbers to 1,000 Order numbers Count in 50s	-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.	Multiplying & Dividing by 3 The 3 timetable Multiplying & dividing by 4 The 4 timetable Multiplying & Dividing by 8 The 8 timetable Comparing statements Related calculations Multiply 2-digits by 1-digit (1) Divide 2-digits by 1-digit (1) Scaling 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 objectives.	Months and years Hours in a day Telling the time to 5 minutes Telling the time to the minute AM and PM 24 hour clock Finding the duration Comparing the duration Start and end times Measuring time in seconds	Pounds and pence Converting pounds and pence Adding money Subtracting money Giving change	Measure length Equivalent lengths – m & cm Equivalent lengths – mm & cm Compare lengths Add lengths Subtract lengths Measure perimeter Calculate perimeter Turns and angles Right angles in shapes Compare angles Draw accurately Horizontal and vertical Parallel and perpendicular Recognise and describe 2D shape Recognise and describe 3D shape Make 3D shapes Measure mass Compare mass Add and subtract mass Measure capacity Compare capacity Add and subtract capacity	Equivalent fractions Compare fractions Order fractions Add fractions Subtract fractions		Pictograms Bar Charts Tables -Solve one-step and two-step questions
<i>Vocabulary</i>	multiples, compare, units, ones, tens, hundreds, digit one-, two- or three-digit number, place, place value stands for, represents exchange the same number as, as many as, equal to, odd, even	add, addition, more, plus, make, sum, total altogether, score, double, near double one more, two more... ten more... one hundred more how many more to make...? how many more is... than...? how much more is...? subtract, subtraction, take (away), minus leave, how many are left/left over? one less, two less... ten less... one hundred less how many fewer is... than...? how much less is...? difference between, half, halve =, equals, sign, minuend, subtrahend, difference, addend, total	lots of, groups of ×, times, multiply, multiplication, multiplied by multiple of, product once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition array, row, column, double, halve share, share equally, one each, two each, three each, multiplicand, multiplier, product, dividend, divisor, product	time days of the week: Monday, Tuesday... months of the year: January, February... seasons: spring, summer, autumn, winter day, week, fortnight, month, year, century weekend, birthday, holiday calendar, date morning, afternoon, evening, night, midnight am, pm bedtime, dinnertime, playtime today, yesterday, tomorrow	money coin, note penny, pence, pound (£) price, cost buy, bought, sell, sold spend, spent pay change dear, costs more, more/most expensive cheap, costs less, cheaper, less/least expensive how much...? how many...? total, amount value, worth	measure, size, compare, measuring scale, division, guess, estimate, enough, not enough, too much, too little, too many, too few, nearly, roughly, about, close to, about the same as, approximately just over, just under, length, width, height, depth long, short, tall, high, low, wide, narrow, deep, shallow, thick, thin longer, shorter, taller, higher... and so on, longest, shortest, tallest, highest... and so on far, further, furthest, near, close distance apart/between, distance to... from... kilometre (km), metre (m), centimetre (cm), mile, ruler, metre stick, tape measure, weigh, weighs, balances heavy/light, heavier/lighter, heaviest/lightest, kilogram (kg), half-kilogram, gram (g), balance, scales, weight, capacity, full, half full, empty holds, contains, litre (l), half-litre, millilitre (ml), container	part, equal parts fraction one whole one half, two halves one quarter, two... three... four quarters one third, two thirds, three thirds one tenth		count, tally, sort, vote graph, block graph, pictogram represent group, set list, chart, bar chart table, frequency table Carroll diagram, Venn diagram label, title, axis, axes diagram most popular, most common least popular, least common

Year 2	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure	Fractions	Position and direction	Statistics
<i>Knowledge</i>	Count objects to 100 and read and write numbers in numerals and words Represent numbers to 100 Tens and ones with a part whole model Tens and ones using addition Use a place value chart Compare objects Compare numbers Order objects and numbers Count in 2s, 5s and 10s Count in 3s	Fact families – Addition and subtraction bonds to 20 Check calculations Compare number sentences Related facts Bonds to 100 (tens) Add and subtract 1s 10 more and 10 less Add and subtract 10s Add a 2-digit and 1-digit number Subtract a 1-digit number from a 2-digit number Add two 2-digit numbers Subtract a 2-digit number from a 2-digit number Bonds to 100 (tens and ones) Add three 1-digit numbers	Recognise equal groups Make equal groups Add equal groups Multiplication sentences using the $\times$ symbol Multiplication sentences from pictures Use arrays 2 timetables, 5 times table, 10 times table Make equal groups - sharing Make equal groups - grouping Divide by 2 Odd & even numbers Divide by 5 Divide by 10	O'clock and half past Quarter past and quarter to Telling time to 5 minutes Minutes in an hour, hours in a day Find durations of time Compare durations of time	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	Recognise 2D and 3D shapes Count sides on 2D shapes Count vertices on 2D shapes Draw 2D shapes Lines of symmetry Sort 2D shapes Make patterns with 2D shapes Count faces on 3D shapes Count edges on 3D shapes Count vertices on 3D shapes Sort 3D shapes Make patterns with 3D shapes Compare mass Measure mass in grams Measure mass in kilograms Compare capacity Millilitres Litres Temperature	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 Equivalent fractions Find three quarters Count in fractions	-Describing movement -Describing turns- distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise). -Describing movement and turns -Making patterns with shapes	Make tally charts Draw pictograms (1-1) Interpret pictograms (1-1) Draw pictograms (2, 5 and 10) Interpret pictograms (2, 5 and 10) Block diagrams
<i>Vocabulary</i>	2 digit number, tens, ones, estimate, more than, less than, equal to, place value grid, partition, smaller, greater, 2s, 3s, 5s, 10s,	addition, subtraction, 2 digit, tens, ones, 2 digit, 3 digit, commutative, inverse, pattern, 10 more, 10 less, exchange,	equal, multiplication sign, division sign, arrays, groups, equal groups, lots of, sharing, grouping, odd, even, repeated addition,	O'clock, half past, minute hand, hour hand, quarter to, quarter past, 5 minutes to, hours, days, minutes, seconds, duration, longest time, shortest time,	Pound, pence, notes, coins, giving change, total, difference,	2D shapes, 3D shapes, sides, lines of symmetry, edges, vertices, faces, hexagon, pentagon, vertex	part, equal parts fraction one whole one half, two halves one quarter, two... three... four quarters	forward, backwards, left, right, up, down, movement, straight line, move, turns, 'full turn', 'half turn', 'quarter turn, three-quarter turn', 'clockwise' and 'anticlockwise', pattern, direction,	count, tally, sort, vote graph, block graph, pictogram represent group, set same, different list, table label, title most popular, most common least popular, least common

Year 1	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure	Fractions	Position and direction
<i>Knowledge</i>	Sort objects Count objects Represent objects Count, read and write forwards from any number 0 to 10 Count, read and writing backwards from any number 0 to 10 Count one more Count one less One to one correspondence to start to compare groups Compare groups using language such as equal, more/greater, less/fewer Introduce = , > and < symbols Compare numbers Order groups of objects Order numbers Ordinal numbers (1st, 2nd, 3rd) The number line Count forwards and backwards and write numbers to 20 in numerals and words Numbers from 11 to 20 Tens and ones Count one more and one less Compare groups of objects Compare numbers Order groups of objects Order numbers Numbers to 50 Tens and ones Represent numbers to 50 One more one less Compare objects within 50 Compare numbers within 50 Order numbers within 50 Count in 2s Count in 5s Counting to 100 Partitioning numbers Comparing numbers Ordering numbers One more, one less	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 Finding a part Subtraction: Taking away, how many left? Crossing out Subtraction: Taking away, how many left? Introducing the subtraction symbol Subtraction: Finding a part, breaking apart Fact families – The 8 facts Subtraction: Counting back Subtraction: Finding the difference Comparing addition and subtraction statements $a + b > c$ Comparing addition and subtraction statements $a + b > c + d$ Add by counting on Find & make number bonds Add by making 10 Subtraction – Not crossing 10 Subtraction – Crossing 10 (1) Subtraction – Crossing 10 (2) Related Facts Compare Number Sentences	Multiples of 2, 5 and 10 Count in 10s Make equal groups Add equal groups Make arrays Make doubles Make equal groups - grouping Make equal groups - sharing	Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening. -Dates -Time to the hour -Time to the half hour -Writing time -Measure and begin to record time (hours, minutes, seconds)	Recognising coins Recognising notes Counting in coins	Recognise and name 3D shapes- cuboids (including cubes), pyramids and spheres.) Sort 3D shapes Recognise and name 2D shapes- rectangles (including squares), circles and triangles) Sort 2D shapes Patterns with 3D and 2D shapes -Measure and begin to record lengths and heights. -Compare, describe and solve practical problems for: lengths and heights (long/short, longer/shorter, tall/short, double/half) Introduce weight and mass Measure mass Compare mass Introduce capacity Measure capacity Compare capacity (for example, full/empty, more than, less than, half, half full, quarter)	-Halving shapes or objects -Halving a quantity -Find a quarter of a shape or object -Find a quarter of a quantity	Describe position, direction and movement, including whole, half, quarter and three quarter turns
<i>Vocabulary</i>	One, two, three, four, five, six, seven, eight, nine, ten, one more, one less, greater than, less than, bigger, smaller, equal to, group, compare.	Part whole, addition, subtraction, equal, number bonds, Add more, counting on, take away/gone away, how many left, count back, difference.	multiples, equal groups, sharing, double, halve, arrays.	Before and after, next, first, today, yesterday, tomorrow, morning, afternoon, evening, days, weeks, months, years, to the hour, half past the hour, quicker, slower, earlier, later, hours, minutes, seconds.	Coins, notes, pounds, pence, count	2D shapes, square, circle, rectangle, triangle, surface, sides, edges, straight line, curved line, cube, cylinder, cuboid, pyramid, cone, sphere,	half, quarter, equal parts, long/short, longer/shorter, tall/short, heavy/light, heavier than, lighter than, full/empty, more than, less than, Half full, quarter full	Whole, half, quarter and three quarter turns, direction

Reception	Number / Place Value	Addition & subtraction	Multiplication & division	Time	Money	Shape, space and measure
<i>Knowledge</i>	Counting within 0-10 Counting 11-20 Making and counting groups within 10 Placing numbers within 20 on a number line	One more, one less Adding groups within 10		morning, afternoon day, night days of the week	pence and pounds count pennies up to 10p	recognising and naming 2D
<i>Vocabulary</i>	number, one, two, three, four, five, six, seven, eight, nine, ten,	Addition, take away, subtract, one more, one less, fewer		daytime, night time, morning, afternoon, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, now, next, later, yesterday, today, tomorrow	1p, 2p, 5p, 10p, pound, pence	2D, square, rectangle, triangle, sides, edges, straight line.
<i>Progression standards (Early Learning Goals)</i>	Numbers Have a deep understanding of numbers to 10, including the composition of each number Subitise (recognise quantities without counting) up to 5 Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts Numerical patterns Verbally count beyond 20, recognising the pattern of the counting system Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally					