



Autumn

Place Value	Addition and Subtraction	Perimeter	Time
<p>units, ones tens, hundreds, thousands ten thousand, hundred thousand, million digit, one-, two-, three- or four-digit number numeral 'teens' number place, place value stands for, represents exchange the same number as, as many as equal to Of two objects/amounts: >, greater than, more than, larger than, bigger than <, less than, fewer than, smaller than Of three or more objects/amounts: greatest, most, largest, biggest least, fewest, smallest one... ten... one hundred... one thousand more/less compare, order, size first... tenth... twentieth last, last but one before, after, next between, half-way between guess how many, estimate nearly, roughly, close to, about the same as approximate, approximately just over, just under, exact, exactly too many, too few, enough, not enough round (up or down), nearest round to the nearest ten...hundred integer, positive, negative above/below zero, minus</p>	<p>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</p>	<p>length, width, height, depth, breadth 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... edge, perimeter kilometre (<i>km</i>), metre (<i>m</i>) centimetre (<i>cm</i>), millimetre (<i>mm</i>) mile ruler, metre stick, tape measure</p>	<p>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 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 how often? always, never, often, sometimes, usually</p>



Multiplication and Division	Area	Fractions
<p>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</p>	<p>area, covers, surface square centimetre (cm²)</p>	<p>part, equal parts fraction one whole half, quarter, eighth third, sixth fifth, tenth, twentieth proportion, in every, for every</p>



Summer

Decimals	Money	Time
<p>part, equal parts fraction one whole half, quarter, eighth third, sixth fifth, tenth, twentieth proportion, in every, for every decimal, decimal fraction decimal point, decimal place</p>	<p>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</p>	<p>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 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 how often? always, never, often, sometimes, usually</p>
Statistics	Position and Direction	
<p>count, tally, sort, vote survey, questionnaire, data graph, block 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</p>	<p>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</p>	



Shape

shape, pattern flat, line curved, straight
 round
 hollow, solid
 sort make, build, construct, draw, sketch
 perimeter centre surface
 angle, right-angled base, square-based size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern
 line symmetry
 reflect, reflection pattern, repeating pattern
 match
 regular, irregular

2D Shapes

2-D, two-dimensional corner, side point, pointed rectangle (including square), rectangular, oblong rectilinear circle, circular triangle, triangular equilateral triangle, isosceles triangle, scalene triangle pentagon, pentagonal hexagon, hexagonal heptagon octagon, octagonal quadrilateral parallelogram, rhombus, trapezium polygon right-angled parallel, perpendicular

3D Shapes

3-D, three-dimensional face, edge, vertex, vertices cube, cuboid pyramid sphere, hemisphere, spherical cone cylinder, cylindrical prism, triangular prism tetrahedron, polyhedron



EYFS	Key Stage 1	Key Stage 2
<p>pattern puzzle answer right, wrong what could we try next? how did you work it out? count, sort group, set match same, different list</p> <p>How do you know? Can you show me in a different way? Is your partner right? What can you see? Is it equal to?</p>	<p>pattern puzzle, problem answer, explain right, wrong what could we try next? how did you work it out? count out, share out, left, left over number sentence sign, operation</p> <p>Year 2: calculate, calculation mental calculation What method did you use?</p> <p>What does this represent? Can you represent it differently? Can you tell me a story? Can you prove it? True or false... What did this person do? How did they get there? What mistake did I make?</p>	<p>pattern, puzzle, problem calculate, calculation mental calculation method, known facts, degree of accuracy answer, explain right, correct, wrong what could we try next? how did you work it out? number sentence sign, operation, symbol, equation</p> <p>USK2: strategy</p> <p>What does this represent? Can you tell me a story? Can you prove it? True or false... What did this person do? How did they get there? What mistake did I make? What method did you use?</p>