



Autumn

Place Value	Addition and Subtraction	Length and Perimeter	Multiplication and Division
units, ones tens, hundreds digit one-, two- or three-digit number 'teens' number place, place value stands for, represents exchange the same number as, as many as equal to Of two objects/amounts: greater, more, larger, bigger less, fewer, smaller Of three or more objects/amounts: greatest, most, biggest, largest least, fewest, smallest one more, ten more, one hundred more one less, ten less, one hundred less compare order size first, second, third... tenth... twentieth twenty-first, twenty-second... last, last but one before, after next between, half-way between above, below	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, is the same as tens boundary, hundreds boundary	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 (<i>km</i>), metre (<i>m</i>), centimetre (<i>cm</i>) mile ruler, metre stick, tape measure	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 left, left over, remainder



Shape		Statistics	Mass
shape, pattern flat, curved, straight round hollow, solid corner point, pointed face, side, edge, end sort make, build, draw surface right-angled vertex, vertices layer, diagram		count, tally, sort, vote 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	weigh, weighs, balances heavy/light, heavier/lighter, heaviest/lightest kilogram (<i>kg</i>), half-kilogram, gram (<i>g</i>) balance, scales, weight
2D Shapes	3D Shapes	Money	Capacity
circle, circular, semi-circle triangle, triangular square rectangle, rectangular star pentagon, pentagonal hexagon, hexagonal octagon, octagonal quadrilateral	cube, cuboid pyramid sphere, hemi-sphere cone cylinder prism	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	capacity full, half full, empty holds, contains litre (<i>l</i>), half-litre, millilitre (<i>ml</i>) container
Patterns and Symmetry			
Size, bigger, larger, smaller Symmetrical, line of symmetry Fold, match mirror line, reflection pattern repeating pattern			



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>