

General

EYFS	Y1/2		Y3/4		Y5/6	
<p>pattern puzzle what could we try next? how did you work it out? recognise describe draw compare sort</p>	<p>pattern puzzle problem, problem solving mental, mentally what could we try next? how did you work it out? show how you ... explain your thinking explain your method describe the pattern describe the rule investigate recognise describe draw compare sort mental calculation written calculation</p>		<p>pattern puzzle problem, problem- solving mental, mentally what could we try next? how did you work it out? show how you ... explain your thinking explain your method describe the pattern describe the rule investigate recognise describe draw compare sort greatest value, least value mental calculation written calculation statement justify make a statement</p>		<p>pattern puzzle problem, problem solving mental, mentally what could we try next? how did you work it out? show how you ... explain your thinking explain your method describe the pattern describe the rule investigate recognise describe draw compare sort greatest value, least value mental calculation written calculation statement justify make a statement explain your reasoning</p>	

Number

EYFS	Y1/2		Y3/4		Y5/6	
zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty none how many ...? count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens is the same as more, less odd, even few pattern pair	number numeral zero one, two, three ... twenty teens numbers, eleven, twelve ... twenty twenty-one, twenty- two ... one hundred, two hundred ... one thousand none how many ...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens, threes, fours and so on equal to equivalent to is the same as more, less most, least tally many odd, even multiple of sequence continue predict few pattern	pair, rule > greater than < less than	number numeral zero one, two, three ... twenty teens numbers, eleven, twelve ... twenty twenty-one, twenty- two ... one hundred, two hundred ... one thousand ... ten thousand, hundred thousand, million none how many ...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens, threes, fours, eights, fifties, sixes, sevens, nines, twenty-fives and so on to hundreds equal to equivalent to is the same as more, less most, least tally many	odd, even multiple of, factor of sequence continue predict few pattern pair, rule relationship next, consecutive > greater than < less than Roman numerals integer, positive, negative above/below zero, minus negative numbers	number numeral zero one, two, three ... twenty teens numbers, eleven, twelve ... twenty twenty-one, twenty- two ... one hundred, two hundred ... one thousand ... ten thousand, hundred thousand, million none how many ...? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens, threes, fours, eights, fifties, sixes, sevens, nines, twenty-fives and so on to hundreds, thousands equal to equivalent to is the same as more, less most, least tally	many odd, even multiple of, factor of factor pair sequence continue predict few pattern pair, rule relationship next, consecutive > greater than < less than ≥ greater than or equal to ≤ less than or equal to Roman numerals integer, positive, negative above/below zero, minus negative numbers formula divisibility square number prime number factorise prime factor ascending/descendin g order digit total

Place Value

EYFS	Y1/2		Y3/4		Y5/6	
<p>ones tens digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less compare order size first, second, third... twentieth last, last but one before, after next between</p>	<p>ones tens, hundreds digit one-, two- or three- digit number place, place value stands for, represents exchange the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less equal to one more, ten more one less, ten less compare order size first, second, third... twentieth twenty-first, twenty- second ... last, last but one before, after next between half-way between above, below</p>		<p>ones tens, hundreds digit one-, two- or three- digit number place, place value stands for, represents exchange the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more, one hundred more, one thousand more one less, ten less, one hundred less, one thousand less equal to compare order size first, second, third ... twentieth twenty-first, twenty- second ... last, last but one before, after next between halfway between above, below</p>		<p>ones tens, hundreds digit one-, two- or three- digit number place, place value stands for, represents exchange the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more, one hundred more, one thousand more one less, ten less, one hundred less, one thousand less equal to compare order size first, second, third ... twentieth twenty-first, twenty- second ... last, last but one before, after next between halfway between</p>	<p>above, below</p>

Estimating

EYFS	Y1/2		Y3/4		Y5/6	
<p>guess how many ...? estimate nearly close to about the same as just over, just under too many, too few enough, not enough</p>	<p>guess how many ...? estimate nearly roughly close to about the same as just over, just under exact, exactly too many, too few enough, not enough</p>		<p>guess how many ...? estimate nearly roughly close to approximate, approximately about the same as just over, just under exact, exactly too many, too few enough, not enough round, nearest, round to the nearest ten, hundred, thousand round up, round down</p>		<p>guess how many ...? estimate nearly roughly close to approximate, approximately about the same as just over, just under exact, exactly too many, too few enough, not enough round, nearest, round to the nearest ten, hundred, thousand, ten thousand round up, round down</p>	

Addition and subtraction

EYFS	Y1/2	Y3/4	Y5/6
add, more, and make, sum, total altogether double one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...? take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between	addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more ... one hundred more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less how many fewer is ... than ...? how much less is ...? difference between equals is the same as number bonds/pairs/facts tens boundary missing number	addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more ... one hundred more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less how many fewer is ... than ...? how much less is ...? difference between equals is the same as number bonds/pairs/facts missing number tens boundary, hundreds boundary inverse	addition add, more, and make, sum, total altogether double near double half, halve one more, two more ... ten more ... one hundred more how many more to make ...? how many more is ... than ...? how much more is ...? subtract take away how many are left/left over? how many have gone? one less, two less, ten less ... one hundred less how many fewer is ... than ...? how much less is ...? difference between equals is the same as number bonds/pairs/facts missing number tens boundary, hundreds boundary, ones boundary,

Multiplication and division

EYFS	Y1/2		Y3/4		Y5/6	
<p>sharing doubling halving number patterns</p>	<p>multiplication multiply multiplied by multiple groups of times once, twice, three times ... ten times repeated addition division dividing, divide, divided by, divided into grouping sharing, share, share equally left, left over one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of doubling halving array row, column number patterns multiplication table multiplication fact, division fact</p>		<p>multiplication multiply multiplied by multiple, factor groups of times product once, twice, three times ... ten times repeated addition division dividing, divide, divided by, divided into left, left over, remainder grouping sharing, share, share equally one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of doubling halving array row, column number patterns multiplication table multiplication fact, division fact inverse square, squared cube, cubed</p>		<p>multiplication multiply multiplied by multiple, factor groups of times product once, twice, three times ... ten times repeated addition division dividing, divide, divided by, divided into left, left over, remainder grouping sharing, share, share equally one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of doubling halving array row, column number patterns multiplication table multiplication fact, division fact inverse square, squared cube, cubed</p>	

Fractions (including decimals, percentages, ratio and proportion)

EYFS	Y1/2	Y3/4	Y5/6
<p>parts of a whole half quarter</p>	<p>fraction equivalent fraction mixed number numerator, denominator equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts</p>	<p>fraction equivalent fraction mixed number numerator, denominator equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts sixths, sevenths, eighths, tenths ... hundredths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion</p>	<p>fraction, proper/improper fraction equivalent fraction mixed number numerator, denominator equivalent, reduced to, cancel equal part equal grouping equal sharing parts of a whole half, two halves one of two equal parts quarter, two quarters, three quarters one of four equal parts one third, two thirds one of three equal parts sixths, sevenths, eighths, tenths ... hundredths, thousandths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion, in every, for every ratio percentage, per cent</p>

Algebra

EYFS	Y1/2		Y3/4		Y5/6	
					formula, formulae equation unknown variable	

Statistics

EYFS	Y1/2	Y3/4	Y5/6
<p>count, sort group, set list</p>	<p>count, tally, sort, vote graph, block graph, pictogram represent group, set list, table label, title most popular, most common least popular, least common</p>	<p>count, tally, sort, vote survey, questionnaire, data graph, block graph, pictogram represent group, set list, table, chart, bar chart, frequency table Carroll diagram, Venn diagram label, title, axis, axes diagram most popular, most common least popular, least common</p>	<p>count, tally, sort, vote survey, questionnaire, data, database graph, block graph, pictogram represent group, set list, table, chart, bar chart, frequency table, bar line chart Carroll diagram, Venn diagram line graph pie chart label, title, axis, axes diagram most popular, most common least popular, least common maximum/minimum value outcome mean (mode, median, range as estimates for this) statistics, distribution</p>

Properties of Shape

EYFS	Y1/2	Y3/4	Y5/6
shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match	shape, pattern flat curved, straight round hollow, solid sort make, build, draw surface size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern line symmetry pattern, repeating pattern match	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	shape, pattern flat, line curved, straight round hollow, solid sort make, build, construct, draw, sketch perimeter centre, radius, diameter circumference, concentric, arc net, open, closed surface angle, right-angled congruent intersecting, intersection plane base, square-based size bigger, larger, smaller symmetry, symmetrical, symmetrical pattern line symmetry reflect, reflection axis of symmetry, reflective symmetry pattern, repeating pattern match regular, irregular

2-D shape

EYFS	Y1/2	Y3/4	Y5/6
corner, side rectangle (including square) circle triangle	corner, side point, pointed rectangle (including square), rectangular circle, circular triangle, triangular pentagon hexagon octagon	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	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, kite polygon right -angled parallel, perpendicular x-axis, y-axis, quadrant

3-D shape

EYFS	Y1/2	Y3/4	Y5/6
face, edge, vertex, vertices cube pyramid sphere	face, edge, vertex, vertices cube, cuboid pyramid sphere	3-D, three-dimensional face, edge, vertex, vertices cube, cuboid	3-D, three-dimensional face, edge, vertex, vertices cube, cuboid

cone	cone cylinder		pyramid sphere, hemisphere, spherical cone cylinder, cylindrical prism, triangular prism tetrahedron, polyhedron		pyramid sphere, hemisphere, spherical cone cylinder, cylindrical prism, triangular prism tetrahedron, polyhedron octahedron dodecahedron net, open, closed	
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Position and direction

EYFS	Y1/2		Y3/4		Y5/6	
position over, under above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge corner direction left, right up, down forwards, backwards, sideways across next to, close, near, far	position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower		position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower		position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower	

<p>along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn</p>	<p>forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn right angle straight line</p>		<p>forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise 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 translate, translation movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn rotate, rotation angle ... is a greater/smaller angle than degree right angle acute angle obtuse angle reflection</p>		<p>forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise 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 translate, translation coordinate movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn rotate, rotation angle, is a greater/smaller angle than degree right angle acute angle obtuse angle</p>	
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			straight line ruler, set square angle measurer, compass		reflex angle reflection straight line ruler, set square angle measurer, compass, protractor	
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Measurement

EYFS	Y1/2	Y3/4	Y5/6
measure size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under	measure measurement size compare measuring scale guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as roughly just over, just under	measure measurement size compare unit, standard unit metric unit measuring scale, division guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as, approximately roughly just over, just under	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, close to, about the same as, approximately roughly just over, just under

Length

EYFS	Y1/2	Y3/4	Y5/6
metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close	centimetre, metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, further, furthest, near, close ruler metre stick, tape measure	millimetre, centimetre, metre, kilometre, mile length, height, width, depth, breadth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, further, furthest, near, close distance apart ... between ... to ... from edge, perimeter area, covers square centimetre (cm ²) ruler metre stick, tape measure	millimetre, centimetre, metre, kilometre, mile, yard, foot, feet, inch, inches length, height, width, depth, breadth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, further, furthest, near, close distance apart ... between ... to ... from edge, perimeter, circumference area, covers square centimetre (cm ²), square metre (m ²), square millimetre (mm ²) ruler metre stick, tape measure

Weight

EYFS	Y1/2	Y3/4	Y5/6
weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales	kilogram, half kilogram, gram weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales	mass: big, bigger, small, smaller weight: heavy/light, heavier/lighter, heaviest/lightest kilogram, half kilogram, gram weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales	mass: big, bigger, small, smaller weight: heavy/light, heavier/lighter, heaviest/lightest tonne, kilogram, half kilogram, gram, pound, ounce weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales

Capacity and volume

EYFS	Y1/2	Y3/4	Y5/6
full empty half full holds container	litre, half litre, millilitre capacity volume full empty more than less than half full quarter full holds, contains container	litre, half litre, millilitre capacity volume full empty more than less than half full quarter full holds, contains container, measuring cylinder	litre, half litre, millilitre, centilitre cubic centimetres(cm ³), cubic metres (m ³), cubic millimetres (mm ³), cubic kilometres (km ³) capacity volume full empty more than less than half full quarter full holds, contains container, measuring cylinder pint, gallon

Temperature

EYFS	Y1/2	Y3/4	Y5/6
	temperature degree	temperature degree centigrade	temperature degree centigrade

Time

EYFS	Y1/2	Y3/4	Y5/6
<p>time</p> <p>days of the week, Monday, Tuesday ...</p> <p>day, week</p> <p>birthday, holiday</p> <p>morning, afternoon, evening, night</p> <p>bedtime, dinner time, playtime</p> <p>today, yesterday, tomorrow</p> <p>before, after</p> <p>next, last</p> <p>now, soon, early, late</p> <p>quick, quicker, quickest, quickly</p> <p>slow, slower, slowest, slowly</p> <p>old, older, oldest</p> <p>new, newer, newest</p> <p>takes longer, takes less time</p> <p>hour, o'clock</p> <p>clock, watch, hands</p>	<p>time</p> <p>days of the week, Monday, Tuesday ...</p> <p>months of the year (January, February ...)</p> <p>seasons: spring, summer, autumn, winter</p> <p>day, week, weekend, fortnight, month, year</p> <p>birthday, holiday</p> <p>morning, afternoon, evening, night</p> <p>bedtime, dinner time, playtime</p> <p>today, yesterday, tomorrow</p> <p>before, after</p> <p>earlier, later</p> <p>next, first, last</p> <p>midnight</p> <p>date</p> <p>now, soon, early, late</p> <p>quick, quicker, quickest, quickly</p> <p>slow, slower, slowest, slowly</p> <p>old, older, oldest</p> <p>new, newer, newest</p> <p>takes longer, takes less time</p> <p>how long ago?</p> <p>how long will it be to...?</p> <p>how long will it take to...?</p> <p>how often?</p> <p>always, never, often, sometimes</p> <p>usually</p> <p>once, twice</p> <p>hour, o'clock, half past, quarter past, quarter to</p> <p>5, 10, 15 ... minutes past</p> <p>clock, clock face, watch, hands</p> <p>digital/analogue clock/watch, timer</p> <p>hour hand, minute hand</p> <p>hours, minutes, seconds</p>	<p>time</p> <p>days of the week, Monday, Tuesday ...</p> <p>months of the year (January, February ...)</p> <p>seasons: spring, summer, autumn, winter</p> <p>day, week, weekend, fortnight, month, year, leap year, century, millenium</p> <p>birthday, holiday</p> <p>morning, afternoon, evening, night</p> <p>bedtime, dinner time, playtime</p> <p>today, yesterday, tomorrow</p> <p>before, after</p> <p>earlier, later</p> <p>next, first, last</p> <p>noon, midnight</p> <p>calendar, date, date of birth</p> <p>now, soon, early, late, earliest, latest</p> <p>quick, quicker, quickest, quickly</p> <p>slow, slower, slowest, slowly</p> <p>old, older, oldest</p> <p>new, newer, newest</p> <p>takes longer, takes less time</p> <p>how long ago?</p> <p>how long will it be to ...?</p> <p>how long will it take to ...?</p> <p>how often?</p> <p>always, never, often, sometimes</p> <p>usually</p> <p>once, twice</p> <p>hour, o'clock, half past, quarter past, quarter to</p> <p>5, 10, 15 ... minutes past</p> <p>a.m., p.m.</p> <p>clock, clock face, watch, hands</p> <p>digital/analogue clock/watch, timer</p> <p>hour hand, minute hand</p> <p>hours, minutes, seconds</p>	<p>time</p> <p>days of the week, Monday, Tuesday ...</p> <p>months of the year (January, February ...)</p> <p>seasons: spring, summer, autumn, winter</p> <p>day, week, weekend, fortnight, month, year, leap year, century, millennium</p> <p>birthday, holiday</p> <p>morning, afternoon, evening, night</p> <p>bedtime, dinner time, playtime</p> <p>today, yesterday, tomorrow</p> <p>before, after</p> <p>earlier, later</p> <p>next, first, last</p> <p>noon, midnight</p> <p>calendar, date, date of birth</p> <p>now, soon, early, late, earliest, latest</p> <p>quick, quicker, quickest, quickly</p> <p>slow, slower, slowest, slowly</p> <p>old, older, oldest</p> <p>new, newer, newest</p> <p>takes longer, takes less time</p> <p>how long ago?</p> <p>how long will it be to ...?</p> <p>how long will it take to ...?</p> <p>how often?</p> <p>always, never, often, sometimes</p> <p>usually</p> <p>once, twice</p> <p>hour, o'clock, half past, quarter past, quarter to</p> <p>5, 10, 15 ... minutes past</p> <p>a.m., p.m.</p> <p>clock, clock face, watch, hands</p> <p>digital/analogue clock/watch, timer</p> <p>hour hand, minute hand</p> <p>hours, minutes, seconds</p>

		timetable, arrive, depart Roman numerals 12-hour clock time, 24-hour clock time	timetable, arrive, depart Roman numerals 12-hour clock time, 24-hour clock time
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Money

EYFS	Y1/2	Y3/4	Y5/6
money coin penny, pence, pound price, cost buy, sell spend, spent pay	money coin penny, pence, pound price, cost buy, bought, sell, sold spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total	money coin penny, pence, pound price, cost buy, bought, sell, sold spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total	money coin penny, pence, pound price, cost buy, bought, sell, sold spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total discount currency profit, loss