



Woodfield Primary School

Progression in mathematical vocabulary

Number

EYFS	<p>zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty none how many altogether ...? count, count (up) to, count on (from, to), count back (from, to) count in ones is the same as more, less odd, even few pattern pair subitise</p>
Year 1	<p>zero; number; one, two, three ... to twenty and beyond; teens numbers, eleven, twelve ... twenty; none; how many altogether ...?; count, count (up) to, count on (from, to), count back (from, to); count in ones; is the same as; more, less; odd, even; few; pattern; pair; subitise</p> <p>New vocabulary - numeral; twenty-one, twenty-two ... one hundred; forwards; backwards; equal to; equivalent to; most, least; many; multiple of, digit; greater than, less than;</p>
Year 2	<p>zero; number; one, two, three ... to twenty and beyond; teens numbers, eleven, twelve ... twenty; none; how many altogether ...?; count, count (up) to, count on (from, to), count back (from, to); count in ones; is the same as; more, less; odd, even; few; pattern; pair; subitise; numeral; twenty-one, twenty-two ... one hundred; forwards; backwards; equal to; equivalent to; most, least; many; multiple of; digit; greater than, less than;</p> <p>New vocabulary - two hundred ... one thousand; count in threes, fours, and so on; tally; sequence; continue; predict; rule; < less than, > greater than; partition</p>
Year 3	<p>zero; number; one, two, three ... to twenty and beyond; teens numbers, eleven, twelve ... twenty; none; how many altogether ...?; count, count (up) to, count on (from, to), count back (from, to); count in ones; is the same as; more, less; odd, even; few; pattern; pair; subitise; numeral; twenty-one, twenty-two ... one hundred; forwards; backwards; equal to; equivalent to; most, least; many;</p>

	<p>multiple of; digit; greater than, less than; two hundred ... one thousand; count in threes, fours, and so on; tally; sequence; continue; predict; rule; < less than, > greater than; partition</p> <p>New vocabulary - count in eights, fifties, hundreds; factor of; relationship; Roman numerals</p>
Year 4	<p>zero; number; one, two, three ... to twenty and beyond; teens numbers, eleven, twelve ... twenty; none; how many altogether ...?; count, count (up) to, count on (from, to), count back (from, to); count in ones; is the same as; more, less; odd, even; few; pattern; pair; subitise ; numeral; twenty-one, twenty-two ... one hundred; forwards; backwards; equal to; equivalent to; most, least; many; multiple of; digit; greater than, less than; two hundred ... one thousand; count in threes, fours, and so on; tally; sequence; continue; predict; rule; < less than, > greater than; partition; count in eights, fifties, hundreds; factor of; relationship; Roman numerals</p> <p>New vocabulary - ten thousand, hundred thousand, million; count in sixes, sevens, nines, twenty-fives; next, consecutive; integer, positive, negative; above/below zero, minus; negative numbers</p>
Year 5	<p>zero; number; one, two, three ... to twenty and beyond; teens numbers, eleven, twelve ... twenty; none; how many altogether ...?; count, count (up) to, count on (from, to), count back (from, to); count in ones; is the same as; more, less; odd, even; few; pattern; pair; subitise; numeral; twenty-one, twenty-two ... one hundred; forwards; backwards; equal to; equivalent to; most, least; many; multiple of; digit; greater than, less than; two hundred ... one thousand; count in threes, fours, and so on; tally; sequence; continue; predict; rule; < less than, > greater than; partition; count in eights, fifties, hundreds; factor of; relationship; Roman numerals; ten thousand, hundred thousand, million; count in sixes, sevens, nines, twenty-fives; next, consecutive; integer, positive, negative; above/below zero, minus; negative numbers</p> <p>New vocabulary - factor pair; \leq less than or equal to, \geq greater than or equal to; formula; divisibility; square number; prime number; ascending/descending order</p>
Year 6	<p>zero; number; one, two, three ... to twenty and beyond; teens numbers, eleven, twelve ... twenty; none; how many altogether ...?; count, count (up) to, count on (from, to), count back (from, to); count in ones; is the same as; more, less; odd, even; few; pattern; pair; subitise; numeral; twenty-one, twenty-two ... one hundred; forwards; backwards; equal to; equivalent to; most, least; many; multiple of; digit; greater than, less than; two hundred ... one thousand; count in threes, fours, and so on; tally; sequence; continue; predict; rule; < less than, > greater than; partition; count in eights, fifties, hundreds; factor of; relationship; Roman numerals; ten thousand, hundred thousand, million; count in sixes, sevens, nines, twenty-fives; next, consecutive; integer, positive, negative; above/below zero, minus; negative numbers; factor pair; \leq less than or equal to, \geq greater than or equal to; formula; divisibility; square number; prime number; ascending/descending order</p> <p>New vocabulary - factorise; prime factor; digit total</p>

Place Value

EYFS	<p>digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more one less compare order size first, second, third last before, after next between</p>
Year 1	<p>digit; the same number as, as many as; more, larger, bigger, greater; fewer, smaller, less fewest, smallest, least; most, biggest, largest, greatest; one more; one less; compare; order; size; first, second, third; last; before, after; next; between New vocabulary - equal to; halfway between; above, below</p>
Year 2	<p>digit; the same number as, as many as; more, larger, bigger, greater; fewer, smaller, less fewest, smallest, least; most, biggest, largest, greatest; one more; one less; compare; order; size; first, second, third; last; before, after; next; between; equal to; halfway between; above, below New vocabulary - hundreds; one-, two or three-digit number; place,</p>

	place value; stands for, represents exchange; twenty-first, twenty-second ...
Year 3	<p>digit; the same number as, as many as; more, larger, bigger, greater; fewer, smaller, less</p> <p>fewest, smallest, least; most, biggest, largest, greatest; one more; one less; compare; order; size; first, second, third; last; before, after; next; between; 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; equal to; halfway between; above, below; hundreds; one-, two or three-digit number; place, place value; stands for, represents exchange; twenty-first, twenty-second ...</p> <p>New vocabulary - one hundred more; one hundred less</p>
Year 4	<p>digit; the same number as, as many as; more, larger, bigger, greater; fewer, smaller, less</p> <p>fewest, smallest, least; most, biggest, largest, greatest; one more; one less; compare; order; size; first, second, third; last; before, after; next; between; equal to; halfway between; above, below; hundreds; one-, two or three-digit number; place, place value; stands for, represents exchange; twenty-first, twenty-second ...; one hundred more; one hundred less</p> <p>New vocabulary - one thousand more; one thousand less</p>
Year 5	<p>digit; the same number as, as many as; more, larger, bigger, greater; fewer, smaller, less</p> <p>fewest, smallest, least; most, biggest, largest, greatest; one more; one less; compare; order; size; first, second, third; last; before, after; next; between; equal to; halfway between; above, below; hundreds; one-, two or three-digit number; place, place value; stands for, represents exchange; twenty-first, twenty-second ...; one hundred more; one hundred less; one thousand more; one thousand less</p> <p>No new vocabulary</p>
Year 6	<p>digit; the same number as, as many as; more, larger, bigger, greater; fewer, smaller, less</p> <p>fewest, smallest, least; most, biggest, largest, greatest; one more; one less; compare; order; size; first, second, third; last; before, after; next; between; equal to; halfway between; above, below; hundreds; one-, two or three-digit number; place, place value; stands for, represents exchange; twenty-first, twenty-second ...; one hundred more; one hundred less; one thousand more; one thousand less</p> <p>No new vocabulary</p>

Estimating

EYFS	guess how many ...? estimate nearly close to about the same as just over, just under too many, too few enough, not enough
Year 1	guess; how many ...?; estimate; nearly; close to; about the same as; just over, just under; too many, too few; enough, not enough New vocabulary - roughly
Year 2	guess; how many ...?; estimate; nearly; close to; about the same as; just over, just under; too many, too few; enough, not enough; roughly New vocabulary - exact, exactly
Year 3	guess; how many ...?; estimate; nearly; close to; about the same as; just over, just under; too many, too few; enough, not enough; roughly; exact, exactly New vocabulary - approximate, approximately; round, nearest, round to the nearest ten, hundred; round up, round down

Year 4	guess; how many ...?; estimate; nearly; close to; about the same as; just over, just under; too many, too few; enough, not enough; roughly; exact, exactly; approximate, approximately; round, nearest, round to the nearest ten, hundred; round up, round down New vocabulary - thousand
Year 5	guess; how many ...?; estimate; nearly; close to; about the same as; just over, just under; too many, too few; enough, not enough; roughly; exact, exactly; approximate, approximately; round, nearest, round to the nearest ten, hundred; round up, round down; thousand New vocabulary - ten thousand
Year 6	guess; how many ...?; estimate; nearly; close to; about the same as; just over, just under; too many, too few; enough, not enough; roughly; exact, exactly; approximate, approximately; round, nearest, round to the nearest ten, hundred; round up, round down; thousand; ten thousand No new vocabulary

Four Operations

Addition and Subtraction

EYFS	add, more, and make, sum, total altogether double one more, two 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 how many fewer is ... than ... ? how much less is ... ?
Year 1	add, more, and; make, sum, total; altogether; double; one more, two 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; how many fewer is ... than

	<p>... ?; how much less is ... ?</p> <p>New vocabulary - difference, between, addition; near double; half, halve; subtract; equals; is the same as; number bonds/pairs; missing number; operations</p>
Year 2	<p>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; near double; half, halve; subtract; equals; is the same as; number bonds/pairs; missing number; operations</p> <p>New vocabulary - one hundred more; one hundred less; amount</p>
Year 3	<p>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; near double; half, halve; subtract; equals; is the same as; number bonds/pairs; missing number; operations; one hundred more; one hundred less; amount</p> <p>New vocabulary - quantity</p>
Year 4	<p>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; near double; half, halve; subtract; equals; is the same as; number bonds/pairs; missing number; operations ;one hundred more; one hundred less; amount; quantity</p> <p>New vocabulary - inverse</p>
Year 5	<p>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; near double; half, halve; subtract; equals; is the same as; number bonds/pairs; missing number; operations; one hundred more; one hundred less; amount; quantity; inverse</p> <p>No new vocabulary</p>
Year 6	<p>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; near double; half, halve; subtract; equals; is the same as; number bonds/pairs; missing number; operations; one hundred more; one hundred less; amount; quantity; inverse</p> <p>No new vocabulary</p>

Multiplication and Division

EYFS	sharing doubling halving number patterns
Year 1	sharing; doubling; halving; number patterns New vocabulary – multiplication; multiply; multiplied by; multiple; division; dividing; grouping; array
Year 2	sharing; doubling; halving; number patterns; multiplication; multiply; multiplied by; multiple; division; dividing; grouping; array New vocabulary – groups of; times; once, twice, three times ... ten times; repeated addition; divide, divided by, divided into; share, share equally; left, left over; one each, two each, three each ... ten each; group in pairs, threes ... tens; equal groups of; row, column; multiplication table; multiplication fact, division fact
Year	sharing; doubling; halving; number patterns; multiplication; multiply;

3	<p>multiplied by; multiple; division; dividing; grouping; array; groups of; times; once, twice, three times ... ten times; repeated addition; divide, divided by, divided into; share, share equally; left, left over; one each, two each, three each ... ten each; group in pairs, threes ... tens; equal groups of; row, column; multiplication table; multiplication fact, division fact</p> <p>New vocabulary – factor; product; remainder; quotient of; expand; divisor</p>
Year 4	<p>sharing; doubling; halving; number patterns; multiplication; multiply; multiplied by; multiple; division; dividing; grouping; array; groups of; times; once, twice, three times ... ten times; repeated addition; divide, divided by, divided into; share, share equally; left, left over; one each, two each, three each ... ten each; group in pairs, threes ... tens; equal groups of; row, column; multiplication table; multiplication fact, division fact; factor; product; remainder; quotient of; expand; divisor</p> <p>New vocabulary – inverse; square, squared; dividend</p>
Year 5	<p>sharing; doubling; halving; number patterns; multiplication; multiply; multiplied by; multiple; division; dividing; grouping; array; groups of; times; once, twice, three times ... ten times; repeated addition; divide, divided by, divided into; share, share equally; left, left over; one each, two each, three each ... ten each; group in pairs, threes ... tens; equal groups of; row, column; multiplication table; multiplication fact, division fact; factor; product; remainder; quotient of; expand; divisor; inverse; square, squared; dividend</p> <p>New vocabulary: cube, cubed</p>
Year 6	<p>sharing; doubling; halving; number patterns; multiplication; multiply; multiplied by; multiple; division; dividing; grouping; array; groups of; times; once, twice, three times ... ten times; repeated addition; divide, divided by, divided into; share, share equally; left, left over; one each, two each, three each ... ten each; group in pairs, threes ... tens; equal groups of; row, column; multiplication table; multiplication fact, division fact; factor; product; remainder; quotient of; expand; divisor; inverse; square, squared; dividend; cube, cubed</p> <p>No new vocabulary</p>

Fractions (including decimals, percentages, ratio and proportion)

EYFS	<p>Link to measure: full empty half full</p>
Year 1	<p>full; empty; half full</p> <p>New vocabulary – fraction; equal part; equal grouping; equal sharing; one of two equal parts; one of four equal parts</p>
Year 2	<p>full; empty; half full; fraction; equal part; equal grouping; equal sharing; one of two equal parts; one of four equal parts</p>

	New vocabulary – equivalent fraction; mixed number; numerator; denominator; two halves; two quarters, three quarters; one third, two thirds; one of three equal parts
Year 3	full; empty; half full; fraction; equal part; equal grouping; equal sharing; one of two equal parts; one of four equal parts; equivalent fraction; mixed number; numerator; denominator; two halves; two quarters, three quarters; one third, two thirds; one of three equal parts New vocabulary – sixths, sevenths, eights, tenths; unit fractions, non-unit fractions
Year 4	full; empty; half full; fraction; equal part; equal grouping; equal sharing; one of two equal parts; one of four equal parts; equivalent fraction; mixed number; numerator; denominator; two halves; two quarters, three quarters; one third, two thirds; one of three equal parts; sixths, sevenths, eights, tenths; unit fractions, non-unit fractions New vocabulary – proper/improper fraction; hundredths; decimal, decimal fraction, decimal point, decimal place, decimal equivalent; proportion
Year 5	full; empty; half full; fraction; equal part; equal grouping; equal sharing; one of two equal parts; one of four equal parts; equivalent fraction; mixed number; numerator; denominator; two halves; two quarters, three quarters; one third, two thirds; one of three equal parts; sixths, sevenths, eights, tenths; unit fractions, non-unit fractions; proper/improper fraction; hundredths; decimal, decimal fraction, decimal point, decimal place, decimal equivalent; proportion New vocabulary – equivalent, reduced to, cancel; thousandths; in every, for every; percentage, per cent %
Year 6	full; empty; half full; fraction; equal part; equal grouping; equal sharing; one of two equal parts; one of four equal parts; equivalent fraction; mixed number; numerator; denominator; two halves; two quarters, three quarters; one third, two thirds; one of three equal parts; sixths, sevenths, eights, tenths; unit fractions, non-unit fractions; proper/improper fraction; hundredths; decimal, decimal fraction, decimal point, decimal place, decimal equivalent; proportion; proper/improper fraction; equivalent, reduced to, cancel; thousandths; in every, for every; percentage, per cent % New vocabulary - ratio

Algebra

Year 6	formula, formulae equation unknown variable
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Measures

EYFS	measure size compare
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	<p>guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under</p>
Year 1	<p>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 New vocabulary - measurement; roughly</p>
Year 2	<p>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; measurement; roughly New vocabulary - measuring scale</p>
Year 3	<p>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; measurement; roughly; measuring scale New vocabulary - division; approximately</p>
Year 4	<p>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; measurement; roughly; measuring scale; division; approximately New vocabulary - unit, standard unit; metric unit</p>
Year 5	<p>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; measurement; roughly; measuring scale; division; approximately; unit, standard unit; metric unit New vocabulary - imperial unit</p>
Year 6	<p>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; measurement; roughly; measuring scale; division; approximately; unit, standard unit; metric unit; imperial unit No new vocabulary</p>

Length

EYFS	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
Year 1	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 New vocabulary - metre; length; centimetre; ruler; metre stick
Year 2	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; metre; length; centimetre; rule; metre stick New vocabulary - further, furthest; tape measure
Year 3	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; metre; length; centimetre; rule; metre stick; further, furthest; tape measure New vocabulary - millimetre, kilometre, mile; distance apart... between...to...from; perimeter
Year 4	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; metre; length; centimetre; rule; metre stick; further, furthest; tape measure; millimetre, kilometre, mile; distance apart...between...to...from; perimeter New vocabulary - breadth; edge; area, covers; square centimetre (cm²)
Year 5	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; metre; length; centimetre; rule; metre stick; further, furthest; tape measure; millimetre, kilometre, mile; distance apart...between...to...from; perimeter; breadth; edge; area, covers; square centimetre (cm ²) New vocabulary - square metre (m²), square millimetre (mm²)
Year 6	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; metre; length; centimetre; rule; metre stick; further, furthest; tape measure; millimetre, kilometre, mile; distance apart...between...to...from; perimeter; breadth; edge; area, covers; square centimetre (cm ²); square metre (m ²), square millimetre (mm ²) New vocabulary - year, foot, inch, inches; circumference

Weight/Mass

EYFS	weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales
Year 1	weigh, weighs, balances; heavy, light; heavier than, lighter than; heaviest, lightest; scales New vocabulary - kilogram, half kilogram
Year 2	weigh, weighs, balances; heavy, light; heavier than, lighter than; heaviest, lightest; scales; kilogram, half kilogram New vocabulary - gram
Year 3	weigh, weighs, balances; heavy, light; heavier than, lighter than; heaviest, lightest; scales; kilogram, half kilogram; gram No new vocabulary
Year 4	weigh, weighs, balances; heavy, light; heavier than, lighter than; heaviest, lightest; scales; kilogram, half kilogram; gram New vocabulary - mass: big, bigger, small, smaller; weight: heavy/light, heavier/lighter, heaviest/lightest
Year 5	weigh, weighs, balances; heavy, light; heavier than, lighter than; heaviest, lightest; scales; kilogram, half kilogram; gram; mass: big, bigger, small, smaller; weight: heavy/light, heavier/lighter, heaviest/lightest No new vocabulary
Year 6	weigh, weighs, balances; heavy, light; heavier than, lighter than; heaviest, lightest; scales; kilogram, half kilogram; gram; mass: big, bigger, small, smaller; weight: heavy/light, heavier/lighter, heaviest/lightest New vocabulary - tonne, pound ounce

Capacity and Volume

EYFS	full empty half full holds container
Year 1	full; empty; half full; holds; container New vocabulary - litre, half litre; capacity; volume; more than; less than; quarter full
Year 2	full; empty; half full; holds; container; litre, half litre; capacity; volume; more than; less than; quarter full New vocabulary - millilitre; contains
Year 3	full; empty; half full; holds; container; litre, half litre; capacity; volume; more than; less than; quarter full; millilitre; contains No new vocabulary
Year 4	full; empty; half full; holds; container; litre, half litre; capacity; volume; more than; less than; quarter full; millilitre; contains New vocabulary - measuring cylinder
Year 5	full; empty; half full; holds; container; litre, half litre; capacity; volume; more than; less than; quarter full; millilitre; contains; measuring cylinder New vocabulary - pint, gallon
Year 6	full; empty; half full; holds; container; litre, half litre; capacity; volume; more than; less than; quarter full; millilitre; contains; measuring cylinder; pint, gallon New vocabulary - centilitre; cubic centimetres (cm³), cubic metres (m³), cubic millimetres (mm³), cubic kilometres (km³)

Temperature

Year 2	temperature degree
Year 3	temperature; degree New vocabulary - centigrade
Year 4	temperature; degree; centigrade New vocabulary - minus
Year 5	temperature; degree; centigrade; minus No new vocabulary
Year 6	temperature; degree; centigrade; minus No new vocabulary

Time

EYFS	<p>time days of the week, Monday, Tuesday ... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands</p>
Year 1	<p>time; days of the week, Monday, Tuesday ...; day, week; birthday, holiday; morning, afternoon, evening, night; bedtime, dinner time, playtime; today, yesterday, tomorrow; before, after; next, last; now, soon, early, late; quick, quicker, quickest, quickly; slow, slower, slowest, slowly; old, older, oldest; new, newer, newest; takes longer, takes less time; hour, o'clock; clock, watch, hands</p> <p>New vocabulary - months of the year (January, February, ...); seasons: spring, summer, autumn, winter; weekend; month; year; earlier; later; first; midnight; date; how long ago?; how long will it be to ...?; how long will it take to ...?; how often?; always, never, sometimes, often; usually; once, twice; half past, quarter past, quarter to; clock face; hour hand, minute hand; hours, minutes</p>
Year 2	<p>time; days of the week, Monday, Tuesday ...; day, week; birthday, holiday; morning, afternoon, evening, night; bedtime, dinner time, playtime; today, yesterday, tomorrow; before, after; next, last; now, soon, early, late; quick, quicker, quickest, quickly; slow, slower, slowest, slowly; old, older, oldest; new, newer, newest; takes longer, takes less time; hour, o'clock; clock, watch, hands; months of the year (January, February, ...); seasons: spring, summer, autumn, winter; weekend; month; year; earlier; later; first; midnight; date; how long ago?; how long will it be to ...?; how long will it take to ...?; how often?; always, never, sometimes, often; usually; once, twice; half past, quarter past, quarter to; clock face; hour hand, minute hand; hours, minutes</p> <p>New vocabulary - fortnight; 5, 10, 15 ... minutes past; digital/analogue clock/watch, timer; seconds</p>
Year	<p>time; days of the week, Monday, Tuesday ...; day, week; birthday,</p>

3	<p>holiday; morning, afternoon, evening, night; bedtime, dinner time, playtime; today, yesterday, tomorrow; before, after; next, last; now, soon, early, late; quick, quicker, quickest, quickly; slow, slower, slowest, slowly; old, older, oldest; new, newer, newest; takes longer, takes less time; hour, o'clock; clock, watch, hands; months of the year (January, February, ...); seasons: spring, summer, autumn, winter; weekend; month; year; earlier; later; first; midnight; date; how long ago?; how long will it be to ...?; how long will it take to ...?; how often?; always, never, sometimes, often; usually; once, twice; half past, quarter past, quarter to; clock face; hour hand, minute hand; hours, minutes; fortnight; 5, 10, 15 ... minutes past; digital/analogue clock/watch, timer; seconds</p> <p>New vocabulary - century; calendar; earliest, latest; a.m/p.m; Roman numerals; 12-hour clock time, 24-hour clock time</p>
Year 4	<p>time; days of the week, Monday, Tuesday ...; day, week; birthday, holiday; morning, afternoon, evening, night; bedtime, dinner time, playtime; today, yesterday, tomorrow; before, after; next, last; now, soon, early, late; quick, quicker, quickest, quickly; slow, slower, slowest, slowly; old, older, oldest; new, newer, newest; takes longer, takes less time; hour, o'clock; clock, watch, hands; months of the year (January, February, ...); seasons: spring, summer, autumn, winter; weekend; month; year; earlier; later; first; midnight; date; how long ago?; how long will it be to ...?; how long will it take to ...?; how often?; always, never, sometimes, often; usually; once, twice; half past, quarter past, quarter to; clock face; hour hand, minute hand; hours, minutes; fortnight; 5, 10, 15 ... minutes past; digital/analogue clock/watch, timer; seconds; century; calendar; earliest, latest; a.m/p.m; Roman numerals; 12-hour clock time, 24-hour clock time</p> <p>New vocabulary - leap year; noon; date of birth; timetable, arrive, depart</p>
Year 5	<p>time; days of the week, Monday, Tuesday ...; day, week; birthday, holiday; morning, afternoon, evening, night; bedtime, dinner time, playtime; today, yesterday, tomorrow; before, after; next, last; now, soon, early, late; quick, quicker, quickest, quickly; slow, slower, slowest, slowly; old, older, oldest; new, newer, newest; takes longer, takes less time; hour, o'clock; clock, watch, hands; months of the year (January, February, ...); seasons: spring, summer, autumn, winter; weekend; month; year; earlier; later; first; midnight; date; how long ago?; how long will it be to ...?; how long will it take to ...?; how often?; always, never, sometimes, often; usually; once, twice; half past, quarter past, quarter to; clock face; hour hand, minute hand; hours, minutes; fortnight; 5, 10, 15 ... minutes past; digital/analogue clock/watch, timer; seconds; century; calendar; earliest, latest; a.m/p.m; Roman numerals; 12-hour clock time, 24-hour clock time; leap year; noon; date of birth; timetable, arrive, depart</p> <p>No new vocabulary</p>
Year 6	<p>time; days of the week, Monday, Tuesday ...; day, week; birthday, holiday; morning, afternoon, evening, night; bedtime, dinner time, playtime; today, yesterday, tomorrow; before, after; next, last; now, soon, early, late; quick, quicker, quickest, quickly; slow, slower, slowest, slowly; old, older, oldest; new, newer, newest; takes longer, takes less time; hour, o'clock; clock, watch, hands; months of the year (January, February, ...); seasons: spring, summer, autumn, winter; weekend; month; year; earlier; later; first; midnight; date; how long</p>

	<p>ago?; how long will it be to ...?; how long will it take to ...?; how often?; always, never, sometimes, often; usually; once, twice; half past, quarter past, quarter to; clock face; hour hand, minute hand; hours, minutes; fortnight; 5, 10, 15 ... minutes past; digital/analogue clock/watch, timer; seconds; century; calendar; earliest, latest; a.m/p.m; Roman numerals; 12-hour clock time, 24-hour clock time; leap year; noon; date of birth; timetable, arrive, depart</p> <p>New vocabulary - Greenwich Mean Time, British Summer Time, International Date Line</p>
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Money

EYFS	<p>money coin penny, pence, pound price, cost buy, sell spend, spent pay</p>
Year 1	<p>money; coin; penny, pence, pound; price, cost; buy, sell; spend, spent; pay</p> <p>New vocabulary - change; dear, costs more; cheap, costs less, cheaper; costs the same as; how much...?; how many...?; total</p>
Year 2	<p>money; coin; penny, pence, pound; price, cost; buy, sell; spend, spent; pay; change; dear, costs more; cheap, costs less, cheaper; costs the same as; how much...?; how many...?; total</p> <p>New vocabulary - bought, sold</p>
Year 3	<p>money; coin; penny, pence, pound; price, cost; buy, sell; spend, spent; pay; change; dear, costs more; cheap, costs less, cheaper; costs the same as; how much...?; how many...?; total; bought, sold</p> <p>No new vocabulary</p>
Year 4	<p>money; coin; penny, pence, pound; price, cost; buy, sell; spend, spent; pay; change; dear, costs more; cheap, costs less, cheaper; costs the same as; how much...?; how many...?; total; bought, sold</p> <p>No new vocabulary</p>
Year 5	<p>money; coin; penny, pence, pound; price, cost; buy, sell; spend, spent; pay; change; dear, costs more; cheap, costs less, cheaper; costs the same as; how much...?; how many...?; total; bought, sold</p> <p>New vocabulary - discount; currency</p>
Year 6	<p>money; coin; penny, pence, pound; price, cost; buy, sell; spend, spent; pay; change; dear, costs more; cheap, costs less, cheaper; costs the</p>

	same as; how much...?; how many...?; total; bought, sold; discount; currency New vocabulary - profit, loss
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Geometry

Properties of shapes

EYFS	shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match
Year 1	shape, pattern; flat; curved, straight; round; hollow, solid; sort; make, build, draw; size; bigger, larger, smaller; symmetrical; pattern, repeating pattern; match New vocabulary - symmetry; symmetrical pattern
Year 2	shape, pattern; flat; curved, straight; round; hollow, solid; sort; make, build, draw; size; bigger, larger, smaller; symmetrical; pattern, repeating pattern; match; symmetry; symmetrical pattern New vocabulary - surface; line symmetry
Year 3	shape, pattern; flat; curved, straight; round; hollow, solid; sort; make, build, draw; size; bigger, larger, smaller; symmetrical; pattern, repeating pattern; match; symmetry; symmetrical pattern; surface; line symmetry New vocabulary - perimeter
Year 4	shape, pattern; flat; curved, straight; round; hollow, solid; sort; make, build, draw; size; bigger, larger, smaller; symmetrical; pattern,

	repeating pattern; match; symmetry; symmetrical pattern; surface; line symmetry; perimeter New vocabulary – line; construct, sketch; centre; angle, right-angles; base, square-based; reflect, reflection; regular, irregular
Year 5	shape, pattern; flat; curved, straight; round; hollow, solid; sort; make, build, draw; size; bigger, larger, smaller; symmetrical; pattern, repeating pattern; match; symmetry; symmetrical pattern; surface; line symmetry; perimeter; line; construct, sketch; centre; angle, right-angles; base, square-based; reflect, reflection; regular, irregular New vocabulary – radius, diameter; congruent; axis of symmetry, reflective symmetry
Year 6	shape, pattern; flat; curved, straight; round; hollow, solid; sort; make, build, draw; size; bigger, larger, smaller; symmetrical; pattern, repeating pattern; match; symmetry; symmetrical pattern; surface; line symmetry; perimeter; line; construct, sketch; centre; angle, right-angles; base, square-based; reflect, reflection; regular, irregular; radius, diameter; congruent; axis of symmetry, reflective symmetry New vocabulary – circumference, concentric, arc; net, open, closed; intersecting, intersection; plane

2d shapes

EYFS	corner, side rectangle (including square) circle triangle
Year 1	corner, side; rectangle (including square); circle; triangle New vocabulary – point, pointed
Year 2	corner, side; rectangle (including square); circle; triangle; point, pointed New vocabulary – rectangular; circular; triangular; pentagon; hexagon; octagon
Year 3	corner, side; rectangle (including square); circle; triangle; point, pointed; rectangular; circular; triangular; pentagon; hexagon; octagon New vocabulary – pentagonal; hexagonal; octagonal; quadrilateral; right-angles; parallel, perpendicular
Year 4	corner, side; rectangle (including square); circle; triangle; point, pointed; rectangular; circular; triangular; pentagon; hexagon; octagon; pentagonal; hexagonal; octagonal; quadrilateral; right-angles; parallel, perpendicular New vocabulary – 2-d, two-dimensional; oblong; rectilinear; equilateral triangle, isosceles triangle, scalene triangle; heptagon; parallelogram, rhombus, trapezium; polygon
Year 5	corner, side; rectangle (including square); circle; triangle; point, pointed; rectangular; circular; triangular; pentagon; hexagon; octagon; pentagonal; hexagonal; octagonal; quadrilateral; right-angles; parallel,

	perpendicular; 2-d, two-dimensional; oblong; rectilinear; equilateral triangle, isosceles triangle, scalene triangle; heptagon; parallelogram, rhombus, trapezium; polygon New vocabulary - x-axis, y-axis, quadrant
Year 6	corner, side; rectangle (including square); circle; triangle; point, pointed; rectangular; circular; triangular; pentagon; hexagon; octagon; pentagonal; hexagonal; octagonal; quadrilateral; right-angles; parallel, perpendicular; 2-d, two-dimensional; oblong; rectilinear; equilateral triangle, isosceles triangle, scalene triangle; heptagon; parallelogram, rhombus, trapezium; polygon; x-axis, y-axis, quadrant New vocabulary - kite

3d shapes

EYFS	face, edge, vertex, vertices cube pyramid sphere cone
Year 1	face, edge, vertex, vertices; cube; pyramid; sphere; cone New vocabulary - cuboid; cylinder
Year 2	face, edge, vertex, vertices; cube; pyramid; sphere; cone; cuboid; cylinder No new vocabulary
Year 3	face, edge, vertex, vertices; cube; pyramid; sphere; cone; cuboid; cylinder New vocabulary - hemisphere; prism, triangular prism
Year 4	face, edge, vertex, vertices; cube; pyramid; sphere; cone; cuboid; cylinder; hemisphere; prism, triangular prism New vocabulary - 3-D, three-dimensional; spherical; cylindrical; tetrahedron, polyhedron
Year 5	face, edge, vertex, vertices; cube; pyramid; sphere; cone; cuboid; cylinder; hemisphere; prism, triangular prism; 3-D, three-dimensional; spherical; cylindrical; tetrahedron, polyhedron New vocabulary - octahedron

Year 6	face, edge, vertex, vertices; cube; pyramid; sphere; cone; cuboid; cylinder; hemisphere; prism, triangular prism; 3-D, three-dimensional; spherical; cylindrical; tetrahedron, polyhedron; octahedron New vocabulary - dodecahedron; net, open, closed
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Position and Direction

EYFS	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
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	<p>along through to, from, towards, away from movement slide roll turn stretch, bend</p>
Year 1	<p>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; along; through; to, from, towards, away from; movement; slide; roll; turn; stretch, bend; New vocabulary – whole turn; half turn; underneath; centre; journey; quarter turn, three-quarter turn</p>
Year 2	<p>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; along; through; to, from, towards, away from; movement; slide; roll; turn; stretch, bend; whole turn, half turn; underneath; centre; journey; quarter turn, three-quarter turn New vocabulary – route; higher, lower; clockwise, anticlockwise; right angle; straight line</p>
Year 3	<p>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; along; through; to, from, towards, away from; movement; slide; roll; turn; stretch, bend; whole turn, half turn; underneath; centre; journey; quarter turn, three-quarter turn; route; higher, lower; clockwise, anticlockwise; right angle; straight line New vocabulary – compass point; north, south, east, west, N, S, E W; horizontal, vertical, diagonal; angle...is a greater/smaller angle than; acute angle; obtuse angle</p>
Year 4	<p>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; along; through; to, from, towards, away from; movement; slide; roll; turn; stretch, bend; whole turn, half turn; underneath; centre; journey; quarter turn, three-quarter turn; route; higher, lower; clockwise, anticlockwise; right angle; straight line; compass point; north, south, east, west, N, S, E W; horizontal, vertical, diagonal; angle...is a greater/smaller angle than; acute angle; obtuse angle New vocabulary – north-east, north-west, south-east, south-west, NE, NW, SE, SW; translate, translation; rotate, rotation; degree; reflection, ruler, set square; angle measurer, compass</p>
Year	<p>position; over, under; above, below; top, bottom, side; on, in; outside,</p>

5	<p>inside; around; in front, behind; front, back; beside, next to; opposite; apart; between</p> <p>middle, edge; corner; direction; left, right; up, down; forwards, backwards, sideways; across; next to, close, near, far; along; through; to, from, towards, away from; movement; slide; roll; turn; stretch, bend; whole turn, half turn; underneath; centre; journey; quarter turn, three-quarter turn; route; higher, lower; clockwise, anticlockwise; right angle; straight line; compass point; north, south, east, west, N, S, E W; horizontal, vertical, diagonal; angle...is a greater/smaller angle than; acute angle; obtuse angle; north-east, north-west, south-east, south-west, NE, NW, SE, SW; translate, translation; rotate, rotation; degree; reflection, ruler, set square; angle measurer, compass</p> <p>New vocabulary - coordinate; protractor</p>
Year 6	<p>position; over, under; above, below; top, bottom, side; on, in; outside, inside; around; in front, behind; front, back; beside, next to; opposite; apart; between</p> <p>middle, edge; corner; direction; left, right; up, down; forwards, backwards, sideways; across; next to, close, near, far; along; through; to, from, towards, away from; movement; slide; roll; turn; stretch, bend; whole turn, half turn; underneath; centre; journey; quarter turn, three-quarter turn; route; higher, lower; clockwise, anticlockwise; right angle; straight line; compass point; north, south, east, west, N, S, E W; horizontal, vertical, diagonal; angle...is a greater/smaller angle than; acute angle; obtuse angle; north-east, north-west, south-east, south-west, NE, NW, SE, SW; translate, translation; rotate, rotation; degree; reflection, ruler, set square; angle measurer, compass; coordinate; protractor</p> <p>New vocabulary - reflex angle</p>

Statistics

EYFS	count, sort group, set list
Year 1	count, sort; group, set; list New vocabulary - vote; table
Year 2	count, sort; group, set; list; vote; table New vocabulary - tally; graph, block graph, pictogram; represent; label, title; most popular, most common; least popular, least common
Year	count, sort; group, set; list; vote; table; tally; graph, block graph,

3	pictogram; represent; label, title; most popular, most common; least popular, least common New vocabulary - chart, bar chart, frequency table, Carroll diagram, Venn diagram; axis, axes; diagram
Year 4	count, sort; group, set; list; vote; table; tally; graph, block graph, pictogram; represent; label, title; most popular, most common; least popular, least common; chart, bar chart, frequency table, Carroll diagram, Venn diagram; axis, axes; diagram New vocabulary - survey, questionnaire, data; x-axis, y-axis
Year 5	count, sort; group, set; list; vote; table; tally; graph, block graph, pictogram; represent; label, title; most popular, most common; least popular, least common; chart, bar chart, frequency table, Carroll diagram, Venn diagram; axis, axes; diagram; survey, questionnaire, data; x-axis, y-axis New vocabulary - database; bar line chart; line graph; maximum/minimum value; outcome
Year 6	count, sort; group, set; list; vote; table; tally; graph, block graph, pictogram; represent; label, title; most popular, most common; least popular, least common; chart, bar chart, frequency table, Carroll diagram, Venn diagram; axis, axes; diagram; survey, questionnaire, data; x-axis, y-axis; database; bar line chart; line graph; maximum/minimum value; outcome New vocabulary - pie chart; mean (mode, median, range); statistics, distribution

General

EYFS	pattern puzzle what could we try next? how did you work it out? recognise describe
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	draw sort
Year 1	pattern; puzzle; what could we try next?; how did you work it out?; recognise; describe; draw; sort New vocabulary - compare; problem, problem solving; mental, mentally; explain your thinking
Year 2	pattern; puzzle; what could we try next?; how did you work it out?; recognise; describe; draw; sort; compare; problem, problem solving; mental, mentally; explain your thinking New vocabulary - show how you ...; explain your method; describe the pattern; describe the rule; investigate; mental calculation; written calculation
Year 3	pattern; puzzle; what could we try next?; how did you work it out?; recognise; describe; draw; compare; sort; problem, problem solving; mental, mentally; explain your thinking; show how you ...; explain your method; describe the pattern; describe the rule; investigate; mental calculation; written calculation New vocabulary - greatest value, least value; statement
Year 4	pattern; puzzle; what could we try next?; how did you work it out?; recognise; describe; draw; compare; sort; problem, problem solving; mental, mentally; explain your thinking; show how you ...; explain your method; describe the pattern; describe the rule; investigate; mental calculation; written calculation; greatest value, least value; statement New vocabulary - justify; make a statement
Year 5	pattern; puzzle; what could we try next?; how did you work it out?; recognise; describe; draw; compare; sort; problem, problem solving; mental, mentally; explain your thinking; show how you ...; explain your method; describe the pattern; describe the rule; investigate; mental calculation; written calculation; greatest value, least value; statement; justify; make a statement New vocabulary - explain your reasoning
Year 6	New vocabulary -