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| **RECEPTION**  |
| **COUNTING**numberzero, one, two, three.. to twenty and beyondzero, ten, twenty… one hundrednonehow many…?count, count (up) tocount on (from, to)count back (from, to)count in ones, twos… tens…more, less, many, fewodd, evenevery otherhow many times?pattern, pairguess how many, estimatenearly, close to, about the same asjust over, just undertoo many, too few, enough, not enough | **COMPARING AND ORDERING NUMBERS**the same number as, as many asOf **two** objects/amounts:greater, more, larger, biggerless, fewer, smallerOf **three** or more objects/amounts:greatest, most, biggest, largestleast, fewest, smallestone more, ten moreone less, ten lesscompareordersizefirst, second, third… tenthlast, last but onebefore, afternextbetweenabove, below | **REASONING ABOUT NUMBERS OR SHAPES**patternpuzzleanswerright, wrongwhat could we try next?how did you work it out?count, sortgroup, setmatchsame, differentlist |
| **ADDITION AND SUBTRACTION**add, more, andmake, sum, totalaltogetherscoredoubleone more, two more, ten more…how many more to make… ?how many more is… than…?take (away), leavehow many are left/left over?how many have gone?one less, two less… ten less…how many fewer is… than…?difference betweenis the same as | **‘REAL LIFE’ PROBLEMS / MONEY**comparedoublehalf, halvepaircount out, share outleft, left overmoney, coinspenny, pence, poundprice, costbuy / sellspend, spent, pay / changedear, costs morecheap, costs less, cheapercosts the same ashow much…? how many…?total | **General**same number/sdifferent number/smissing number/snumber factsnumber line, number tracknumber squarenumber cardscounters, cubes, blocks, rodsdie, dicedominoespegs, peg boardsame way, different waybest way, another wayin order, in a different ordernotall, every, each |

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| **YEAR 1**  |
| **COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**numberzero, one, two, three… to twenty and beyondzero, ten, twenty… one hundrednonehow many…?count, count (up) tocount on (from, to)count back (from, to)count in ones, twos… tens…more, less, many, fewodd, evenevery otherhow many times?pattern, pair | **PLACE VALUE AND ORDERING**units, ones, tensexchangedigit‘teens’ numberthe same number as, as many asequal toOf **two** objects/amounts:greater, more, larger, biggerless, fewer, smallerOf **three** or more objects/amounts:greatest, most, biggest, largestleast, fewest, smallestone more, ten moreone less, ten lesscompare, order, sizefirst, second, third… tenth, eleventh… twentiethlast, last but onebefore, after, nextbetween, half-way betweenabove, below | **ESTIMATING**guess how many, estimatenearly, roughly, close toabout the same asjust over, just undertoo many, too few, enough, not enough |
| **ADDITION AND SUBTRACTION**, add, moreplusmake, sum, totalaltogetherscoredouble, near doubleone more, two more… ten morehow many more to make…?how many more is… than…?how much more is…?subtract, take (away), minusleavehow 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 betweenhalf, halveequals, sign, is the same as | **MAKING DECISIONS AND REASONING**patternpuzzleanswerright, wrongwhat could we try next?how did you work it out?count out, share out, left, left overnumber sentencesign, operation | **General**same number/sdifferent number/smissing number/snumber factsnumber line, number tracknumber squarenumber cardsabacuscounters, cubes, blocks, rodsdie, dicedominoespegs, peg boardsame way, different waybest way, another wayin order, in a different ordernotall, every, each |

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|  **YEAR 2** |
| **COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**numberzero, one, two, three… to twenty and beyondzero, ten, twenty… one hundredzero, one hundred, two hundred… one thousandnonehow many…?count, count (up) tocount on (from, to)count back (from, to)count in ones, twos, threes, fours, fives…count in tensmore, less, many, fewtallyodd, evenevery otherhow many times?multiple ofsequencecontinuepredictpattern, pair, rule | **PLACE VALUE AND ORDERING**units, ones, tens, hundredsdigitone-, two- or three-digit number‘teens’ numberplace, place valuestands for, representsexchangethe same number as, as many asequal toOf **two** objects/amounts:greater, more, larger, biggerless, fewer, smallerOf **three** or more objects/amounts:greatest, most, biggest, largestleast, fewest, smallestone more, ten moreone less, ten lesscompare, order, sizefirst, second, third… tenth… twentiethtwenty-first, twenty-second…last, last but onebefore, after, nextbetween, half-way betweenabove, below | **ESTIMATING**guess how many, estimatenearly, roughly, close toabout the same asjust over, just underexact, exactlytoo many, too few, enough, not enoughround, nearest, round to the nearest ten |
| **MAKING DECISIONS AND REASONING**pattern, puzzlecalculate, calculationmental calculationjottinganswerright, correct, wrongwhat could we try next?how did you work it out?number sentencesign, operation, symbol |
| **ADDITION AND SUBTRACTION**, add, addition, more, plusmake, sum, totalaltogetherscoredouble, near doubleone more, two more... ten more... one hundred morehow many more to make…?how many more is… than…?how much more is…?subtract, subtraction, take (away), minusleave, how many are left/left over?one less, two less… ten less… one hundred lesshow many fewer is… than…?how much less is…?difference betweenhalf, halveequals, sign, is the same astens boundary | **MULTIPLICATION AND DIVISION**lots of, groups of, times, multiply, multiplied bymultiple ofonce, twice, three times… ten times…times as (big, long, wide… and so on)repeated additionarrayrow, columndouble, halveshare, share equallyone each, two each, three each…group in pairs, threes… tensequal groups of, divide, divided by, divided intoleft, left over | **General**same, differentmissing number/snumber factsnumber pairsnumber bondsnumber line, number tracknumber square, hundred squarenumber cardsnumber gridabacuscounters, cubes, blocks, rodsdie, dicedominoespegs, peg boardgeo-stripssame way, different waybest way, another wayin order, in a different ordernotall, every, each |

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| **YEAR 3** |
| **COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**numberzero, one, two, three… to twenty and beyondzero, ten, twenty… one hundredzero, one hundred, two hundred… one thousandnonehow many…?count, count (up) tocount on (from, to)count back (from, to)count in ones, twos, threes, fours, fives…count in tens, hundredsmore, less, many, fewtallyodd, evenevery otherhow many times?multiple ofsequencecontinuepredictpattern, pair, rulerelationship | **PLACE VALUE AND ORDERING**units, ones, tens, hundredsdigitone-, two- or three-digit number‘teens’ numberplace, place valuestands for, representsexchangethe same number as, as many asequal toOf **two** objects/amounts:greater, more, larger, biggerless, fewer, smallerOf **three** or more objects/amounts:greatest, most, biggest, largestleast, fewest, smallestone more, ten more, one hundred moreone less, ten less, one hundred lesscompare, order, sizefirst, second, third… tenth… twentiethtwenty-first, twenty-second…last, last but onebefore, after, nextbetween, half-way betweenabove, below | **ESTIMATING**guess how many, estimatenearly, roughly, close toapproximate, approximatelyabout the same asjust over, just underexact, exactlytoo many, too few, enough, not enoughround (up or down)nearest, round to the nearest ten |
| **MAKING DECISIONS AND REASONING**pattern, puzzlecalculate, calculationmental calculationmethodjottinganswerright, correct, wrongwhat could we try next?how did you work it out?number sentencesign, operation, symbol, equation |
| **ADDITION AND SUBTRACTION**, add, addition, more, plusmake, sum, totalaltogetherscoredouble, near doubleone more, two more... ten more... one hundred morehow many more to make…?how many more is… than…?how much more is…?subtract, subtraction, take (away), minusleave, how many are left/left over?one less, two less… ten less… one hundred lesshow many fewer is… than…?how much less is…?difference betweenhalf, halveequals, sign, is the same astens boundary, hundreds boundary | **MULTIPLICATION AND DIVISION**lots of, groups of, times, multiply, multiplication, multiplied bymultiple of, productonce, twice, three times… ten times…times as (big, long, wide… and so on)repeated additionarrayrow, columndouble, halveshare, share equallyone each, two each, three each... group in pairs, threes… tensequal groups of, divide, division, divided by, divided intoleft, left over, remainder | **General**same, differentmissing number/snumber facts, number pairs, number bondsgreatest value, least valuenumber line, number tracknumber square, hundred squarenumber cardsnumber gridabacuscounters, cubes, blocks, rodsdie, dicedominoespegs, peg boardgeo-stripssame way, different waybest way, another wayin order, in a different ordernotall, every, each |

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| **YEAR 4** |
| **PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**number, count, how many…?odd, evenevery otherhow many times?multiple ofdigitnext, consecutivesequencecontinuepredictpattern, pair, rulerelationshipsort, classify, property | **PLACE VALUE, ORDERING AND ROUNDING** |
| units, ones, tens, hundreds, thousands, ten thousand, hundred thousand, milliondigit, one-, two-, three- or four-digit number, numeral‘teens’ numberplace, place valuestands for, representsexchangethe same number as, as many asequal toOf **two** objects/amounts:>, greater than, more than, larger than, bigger than<, less than, fewer than, smaller thanOf **three** or more objects/amounts:greatest, most, largest, biggestleast, fewest, smallestone, ten, one hundred, one thousand  | more/lesscompare, order, sizefirst… tenth… twentiethlast, last but onebefore, after, nextbetween, half-way betweenguess how many, estimatenearly, roughly, close to, about the same as, approximate, approximatelyjust over, just under, exact, exactlytoo many, too few, enough, not enoughround (up or down), nearestround to the nearest tenround to the nearest hundredinteger, positive, negativeabove/below zero, minus |
| **MAKING DECISIONS AND REASONING**pattern, puzzlecalculate, calculationmental calculationmethodjottinganswerright, correct, wrongwhat could we try next?how did you work it out?number sentencesign, operation, symbol, equation |
| **ADDITION AND SUBTRACTION**add, addition, more, plus, increasesum, total, altogetherscoredouble, near doublehow many more to make…?subtract, subtraction, take (away), minus, decreaseleave, how many are left/left over?difference betweenhalf, halvehow many more/fewer is… than…?how much more/less is…?equals, sign, is the same astens boundary, hundreds boundaryinverse | **MULTIPLICATION AND DIVISION**lots of, groups oftimes, multiply, multiplication, multiplied bymultiple of, productonce, twice, three times… ten times…times as (big, long, wide… and so on)repeated additionarrayrow, columndouble, halveshare, share equallyone each, two each, three each…group in pairs, threes… tensequal groups ofdivide, division, divided by, divided intoremainderfactor, quotient, divisible byinverse | **General**same, differentmissing number/snumber facts, number pairs, number bondsgreatest value, least valuenumber line, number tracknumber square, hundred squarenumber cards, number gridabacuscounters, cubes, blocks, rodsdie, dicedominoespegs, peg board, pin boardgeo-stripssame way, different waybest way, another wayin order, in a different ordernotall, every, each |

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| **YEAR 5** |
| **PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**number, count, how many…?odd, evenevery otherhow many times?multiple ofdigitnext, consecutivesequencecontinuepredictpattern, pair, rulerelationshipsort, classify, propertyformuladivisible (by), divisibility, factorsquare numberone squared, two squared… (12, 22…) | **PLACE VALUE, ORDERING AND ROUNDING** |
| units, onestens, hundreds, thousandsten thousand, hundred thousand, milliondigit, one-, two-, three- or four-digit numbernumeral‘teens’ numberplace, place valuestands for, representsexchangethe same number as, as many asequal toOf **two** objects/amounts:>, greater than, more than, larger than, bigger than<, less than, fewer than, smaller than, greater than or equal to, less than or equal toOf **three** or more objects/amounts:greatest, most, largest, biggestleast, fewest, smallestone… ten… one hundred… one thousand more/lesscompare, order, sizeascending/descending order | first… tenth… twentiethlast, last but onebefore, after, nextbetween, half-way betweenguess how many, estimatenearly, roughly, close to, about the same asapproximate, approximately, is approximately equal tojust over, just underexact, exactlytoo many, too few, enough, not enoughround (up or down), nearestround to the nearest ten/hundredround to the nearest thousandintegerpositive, negativeabove/below zero, minus |
| **MAKING DECISIONS AND REASONING**pattern, puzzlecalculate, calculationmental calculationmethod, strategyjottinganswerright, correct, wrongwhat could we try next?how did you work it out?number sentencesign, operation, symbol, equation | **USING A CALCULATOR**calculatordisplay, key, enter, clearconstant |
| **ADDITION AND SUBTRACTION**add, addition, more, plus, increasesum, total, altogetherscoredouble, near doublehow many more to make…?subtract, subtraction, take (away), minus, decreaseleave, how many are left/left over?difference betweenhalf, halvehow many more/fewer is… than…?how much more/less is…?equals, sign, is the same astens boundary, hundreds boundary units boundary, tenths boundaryinverse | **MULTIPLICATION AND DIVISION**lots of, groups oftimes, multiply, multiplication, multiplied bymultiple of, productonce, twice, three times… ten times…times as (big, long, wide… and so on)repeated additionarrayrow, columndouble, halveshare, share equally | **General**same, differentmissing number/snumber facts, number pairs, number bondsgreatest value, least valuenumber line, number tracknumber square, hundred squarenumber cards, number gridabacuscounters, cubes, blocks, rodsdie, dice, spinnerdominoespegs, peg board, pin boardgeo-stripssame way, different waybest way, another wayin order, in a different ordernotall, every, each |

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| **YEAR 6** |
| **PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**number, count, how many…?odd, evenevery otherhow many times?multiple ofdigitnext, consecutivesequencecontinuepredictpattern, pair, rulerelationshipsort, classify, propertyformuladivisible (by), divisibility, factor, factorisesquare numberone squared, two squared… (12, 22…)prime, prime factor | **PLACE VALUE, ORDERING AND ROUNDING** |
| units, onestens, hundreds, thousandsten thousand, hundred thousand, milliondigit, one-, two-, three- or four-digit numbernumeral‘teens’ numberplace, place valuestands for, representsexchangethe same number as, as many asequal toOf **two** objects/amounts:>, greater than, more than, larger than, bigger than<, less than, fewer than, smaller than, greater than or equal to, less than or equal toOf **three** or more objects/amounts:greatest, most, largest, biggestleast, fewest, smallestone… ten… one hundred… one thousand more/lesscompare, order, sizeascending/descending order | first… tenth… twentiethlast, last but onebefore, afternextbetween, half-way betweenguess how many, estimatenearly, roughly, close to, about the same asapproximate, approximately, is approximately equal tojust over, just underexact, exactlytoo many, too few, enough, not enoughround (up or down), nearestround to the nearest ten/hundred/thousandinteger, positive, negativeabove/below zero, minus |
| **MAKING DECISIONS AND REASONING**pattern, puzzlecalculate, calculationmental calculationmethod, strategyjottinganswerright, correct, wrongwhat could we try next?how did you work it out?number sentencesign, operation, symbol, equation | **USING A CALCULATOR**calculator, display, keyenter, clear, sign changeconstant, recurring, memory, operation key |
| **ADDITION AND SUBTRACTION**add, addition, more, plus, increasesum, total, altogetherscoredouble, near doublehow many more to make…?subtract, subtraction, take (away), minus, decreaseleave, how many are left/left over?difference betweenhalf, halvehow many more/fewer is… than…?how much more/less is…?equals, sign, is the same astens boundary, hundreds boundary, units boundary, tenths boundaryinverse | **MULTIPLICATION AND DIVISION**lots of, groups oftimes, multiply, multiplication, multiplied bymultiple of, productonce, twice, three times… ten times…times as (big, long, wide… and so on)repeated additionarray, row, columndouble, halveshare, share equallyone each, two each, three each…group in pairs, threes… tensequal groups ofdivide, division, divided by, divided intoremainderfactor, quotient, divisible byinverse | **General**same, identical, differentmissing number/snumber facts, number pairs, number bondsgreatest value, least valuenumber line, number tracknumber square, hundred squarenumber cards, number gridabacuscounters, cubes, blocks, rodsdie, dice, spinnerdominoespegs, peg board, pin boardgeo-stripssame way, different waybest way, another wayin order, in a different ordernotall, every, each |