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| **RECEPTION** | | |
| **COUNTING**  number  zero, one, two, three.. to twenty and beyond  zero, ten, twenty… one hundred  none  how many…?  count, count (up) to  count on (from, to)  count back (from, to)  count in ones, twos… tens…  more, less, many, few  odd, even  every other  how many times?  pattern, pair  guess how many, estimate  nearly, close to, about the same as  just over, just under  too many, too few, enough, not enough | **COMPARING AND ORDERING NUMBERS**  the same number as, as many as  Of **two** objects/amounts:  greater, more, larger, bigger  less, fewer, smaller  Of **three** or more objects/amounts:  greatest, most, biggest, largest  least, fewest, smallest  one more, ten more  one less, ten less  compare  order  size  first, second, third… tenth  last, last but one  before, after  next  between  above, below | **REASONING ABOUT NUMBERS OR SHAPES**  pattern  puzzle  answer  right, wrong  what could we try next?  how did you work it out?  count, sort  group, set  match  same, different  list |
| **ADDITION AND SUBTRACTION**  add, more, and  make, sum, total  altogether  score  double  one more, two more, ten more…  how many more to make… ?  how many more is… than…?  take (away), leave  how many are left/left over?  how many have gone?  one less, two less… ten less…  how many fewer is… than…?  difference between  is the same as | **‘REAL LIFE’ PROBLEMS / MONEY**  compare  double  half, halve  pair  count out, share out  left, left over  money, coins  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 | **General**  same number/s  different number/s  missing number/s  number facts  number line, number track  number square  number cards  counters, cubes, blocks, rods  die, dice  dominoes  pegs, peg board  same way, different way  best way, another way  in order, in a different order  not  all, every, each |

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| **YEAR 1** | | |
| **COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**  number  zero, one, two, three… to twenty and beyond  zero, ten, twenty… one hundred  none  how many…?  count, count (up) to  count on (from, to)  count back (from, to)  count in ones, twos… tens…  more, less, many, few  odd, even  every other  how many times?  pattern, pair | **PLACE VALUE AND ORDERING**  units, ones, tens  exchange  digit  ‘teens’ number  the same number as, as many as  equal to  Of **two** objects/amounts:  greater, more, larger, bigger  less, fewer, smaller  Of **three** or more objects/amounts:  greatest, most, biggest, largest  least, fewest, smallest  one more, ten more  one less, ten less  compare, order, size  first, second, third… tenth, eleventh… twentieth  last, last but one  before, after, next  between, half-way between  above, below | **ESTIMATING**  guess how many, estimate  nearly, roughly, close to  about the same as  just over, just under  too many, too few,  enough, not enough |
| **ADDITION AND SUBTRACTION**  , add, moreplus  make, sum, total  altogether  score  double, near double  one more, two more… ten more  how many more to make…?  how many more is… than…?  how much more is…?  subtract, take (away), minus  leave  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  half, halve  equals, sign, is the same as | **MAKING DECISIONS AND REASONING**  pattern  puzzle  answer  right, wrong  what could we try next?  how did you work it out?  count out, share out, left, left over  number sentence  sign, operation | **General**  same number/s  different number/s  missing number/s  number facts  number line, number track  number square  number cards  abacus  counters, cubes, blocks, rods  die, dice  dominoes  pegs, peg board  same way, different way  best way, another way  in order, in a different order  not  all, every, each |

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| **YEAR 2** | | |
| **COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**  number  zero, one, two, three… to twenty and beyond  zero, ten, twenty… one hundred  zero, one hundred, two hundred… one thousand  none  how many…?  count, count (up) to  count on (from, to)  count back (from, to)  count in ones, twos, threes, fours, fives…  count in tens  more, less, many, few  tally  odd, even  every other  how many times?  multiple of  sequence  continue  predict  pattern, pair, rule | **PLACE VALUE AND ORDERING**  units, ones, tens, hundreds  digit  one-, two- or three-digit number  ‘teens’ number  place, place value  stands for, represents  exchange  the same number as, as many as  equal to  Of **two** objects/amounts:  greater, more, larger, bigger  less, fewer, smaller  Of **three** or more objects/amounts:  greatest, most, biggest, largest  least, fewest, smallest  one more, ten more  one less, ten less  compare, order, size  first, second, third… tenth… twentieth  twenty-first, twenty-second…  last, last but one  before, after, next  between, half-way between  above, below | **ESTIMATING**  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  round, nearest, round to the nearest ten |
| **MAKING DECISIONS AND REASONING**  pattern, puzzle  calculate, calculation  mental calculation  jotting  answer  right, correct, wrong  what could we try next?  how did you work it out?  number sentence  sign, operation, symbol |
| **ADDITION AND SUBTRACTION**  , add, addition, more, plus  make, sum, total  altogether  score  double, near double  one more, two more... ten more... one hundred more  how many more to make…?  how many more is… than…?  how much more is…?  subtract, subtraction, take (away), minus  leave, how many are left/left over?  one less, two less… ten less… one hundred less  how many fewer is… than…?  how much less is…?  difference between  half, halve  equals, sign, is the same as  tens boundary | **MULTIPLICATION AND DIVISION**  lots of, groups of  , times, multiply, multiplied by  multiple of  once, twice, three times… ten times…  times as (big, long, wide… and so on)  repeated addition  array  row, column  double, halve  share, share equally  one each, two each, three each…  group in pairs, threes… tens  equal groups of  , divide, divided by, divided into  left, left over | **General**  same, different  missing number/s  number facts  number pairs  number bonds  number line, number track  number square, hundred square  number cards  number grid  abacus  counters, cubes, blocks, rods  die, dice  dominoes  pegs, peg board  geo-strips  same way, different way  best way, another way  in order, in a different order  not  all, every, each |

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| **YEAR 3** | | |
| **COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**  number  zero, one, two, three… to twenty and beyond  zero, ten, twenty… one hundred  zero, one hundred, two hundred… one thousand  none  how many…?  count, count (up) to  count on (from, to)  count back (from, to)  count in ones, twos, threes, fours, fives…  count in tens, hundreds  more, less, many, few  tally  odd, even  every other  how many times?  multiple of  sequence  continue  predict  pattern, pair, rule  relationship | **PLACE VALUE AND ORDERING**  units, ones, tens, hundreds  digit  one-, two- or three-digit number  ‘teens’ number  place, place value  stands for, represents  exchange  the same number as, as many as  equal to  Of **two** objects/amounts:  greater, more, larger, bigger  less, fewer, smaller  Of **three** or more objects/amounts:  greatest, most, biggest, largest  least, fewest, smallest  one more, ten more, one hundred more  one less, ten less, one hundred less  compare, order, size  first, second, third… tenth… twentieth  twenty-first, twenty-second…  last, last but one  before, after, next  between, half-way between  above, below | **ESTIMATING**  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 (up or down)  nearest, round to the nearest ten |
| **MAKING DECISIONS AND REASONING**  pattern, puzzle  calculate, calculation  mental calculation  method  jotting  answer  right, correct, wrong  what could we try next?  how did you work it out?  number sentence  sign, operation, symbol, equation |
| **ADDITION AND SUBTRACTION**  , add, addition, more, plus  make, sum, total  altogether  score  double, near double  one more, two more... ten more... one hundred more  how many more to make…?  how many more is… than…?  how much more is…?  subtract, subtraction, take (away), minus  leave, how many are left/left over?  one less, two less… ten less… one hundred less  how many fewer is… than…?  how much less is…?  difference between  half, halve  equals, sign, is the same as  tens boundary, hundreds boundary | **MULTIPLICATION AND DIVISION**  lots of, groups of  , times, multiply, multiplication, multiplied by  multiple of, product  once, twice, three times… ten times…  times as (big, long, wide… and so on)  repeated addition  array  row, column  double, halve  share, share equally  one each, two each, three each... group in pairs, threes… tens  equal groups of  , divide, division, divided by, divided into  left, left over, remainder | **General**  same, different  missing number/s  number facts, number pairs, number bonds  greatest value, least value  number line, number track  number square, hundred square  number cards  number grid  abacus  counters, cubes, blocks, rods  die, dice  dominoes  pegs, peg board  geo-strips  same way, different way  best way, another way  in order, in a different order  not  all, every, each |

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| **YEAR 4** | | |
| **PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**  number, count, how many…?  odd, even  every other  how many times?  multiple of  digit  next, consecutive  sequence  continue  predict  pattern, pair, rule  relationship  sort, classify, property | **PLACE VALUE, ORDERING AND ROUNDING** | |
| units, ones, tens, hundreds, thousands, ten thousand, hundred thousand, million  digit, one-, two-, three- or four-digit number, numeral  ‘teens’ number  place, place value  stands for, represents  exchange  the same number as, as many as  equal to  Of **two** objects/amounts:  >, greater than, more than, larger than, bigger than  <, less than, fewer than, smaller than  Of **three** or more objects/amounts:  greatest, most, largest, biggest  least, fewest, smallest  one, ten, one hundred, one thousand | more/less  compare, order, size  first… tenth… twentieth  last, last but one  before, after, next  between, half-way between  guess how many, estimate  nearly, roughly, close to, about the same as, approximate, approximately  just over, just under, exact, exactly  too many, too few, enough, not enough  round (up or down), nearest  round to the nearest ten  round to the nearest hundred  integer, positive, negative  above/below zero, minus |
| **MAKING DECISIONS AND REASONING**  pattern, puzzle  calculate, calculation  mental calculation  method  jotting  answer  right, correct, wrong  what could we try next?  how did you work it out?  number sentence  sign, operation, symbol, equation |
| **ADDITION AND SUBTRACTION**  add, addition, more, plus, increase  sum, total, altogether  score  double, near double  how many more to make…?  subtract, subtraction, take (away), minus, decrease  leave, how many are left/left over?  difference between  half, halve  how many more/fewer is… than…?  how much more/less is…?  equals, sign, is the same as  tens boundary, hundreds boundary  inverse | **MULTIPLICATION AND DIVISION**  lots of, groups of  times, multiply, multiplication, multiplied by  multiple of, product  once, twice, three times… ten times…  times as (big, long, wide… and so on)  repeated addition  array  row, column  double, halve  share, share equally  one each, two each, three each…  group in pairs, threes… tens  equal groups of  divide, division, divided by, divided into  remainder  factor, quotient, divisible by  inverse | **General**  same, different  missing number/s  number facts, number pairs, number bonds  greatest value, least value  number line, number track  number square, hundred square  number cards, number grid  abacus  counters, cubes, blocks, rods  die, dice  dominoes  pegs, peg board, pin board  geo-strips  same way, different way  best way, another way  in order, in a different order  not  all, every, each |

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| **YEAR 5** | | |
| **PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**  number, count, how many…?  odd, even  every other  how many times?  multiple of  digit  next, consecutive  sequence  continue  predict  pattern, pair, rule  relationship  sort, classify, property  formula  divisible (by), divisibility, factor  square number  one squared, two squared… (12, 22…) | **PLACE VALUE, ORDERING AND ROUNDING** | |
| units, ones  tens, hundreds, thousands  ten thousand, hundred thousand, million  digit, one-, two-, three- or four-digit number  numeral  ‘teens’ number  place, place value  stands for, represents  exchange  the same number as, as many as  equal to  Of **two** objects/amounts:  >, greater than, more than, larger than, bigger than  <, less than, fewer than, smaller than  , greater than or equal to  , less than or equal to  Of **three** or more objects/amounts:  greatest, most, largest, biggest  least, fewest, smallest  one… ten… one hundred… one thousand more/less  compare, order, size  ascending/descending order | first… tenth… twentieth  last, last but one  before, after, next  between, half-way between  guess how many, estimate  nearly, roughly, close to, about the same as  approximate, approximately  , is approximately equal to  just over, just under  exact, exactly  too many, too few, enough, not enough  round (up or down), nearest  round to the nearest ten/hundred  round to the nearest thousand  integer  positive, negative  above/below zero, minus |
| **MAKING DECISIONS AND REASONING**  pattern, puzzle  calculate, calculation  mental calculation  method, strategy  jotting  answer  right, correct, wrong  what could we try next?  how did you work it out?  number sentence  sign, operation, symbol, equation | **USING A CALCULATOR**  calculator  display, key, enter, clear  constant |
| **ADDITION AND SUBTRACTION**  add, addition, more, plus, increase  sum, total, altogether  score  double, near double  how many more to make…?  subtract, subtraction, take (away), minus, decrease  leave, how many are left/left over?  difference between  half, halve  how many more/fewer is… than…?  how much more/less is…?  equals, sign, is the same as  tens boundary, hundreds boundary units boundary, tenths boundary  inverse | **MULTIPLICATION AND DIVISION**  lots of, groups of  times, multiply, multiplication, multiplied by  multiple of, product  once, twice, three times… ten times…  times as (big, long, wide… and so on)  repeated addition  array  row, column  double, halve  share, share equally | **General**  same, different  missing number/s  number facts, number pairs, number bonds  greatest value, least value  number line, number track  number square, hundred square  number cards, number grid  abacus  counters, cubes, blocks, rods  die, dice, spinner  dominoes  pegs, peg board, pin board  geo-strips  same way, different way  best way, another way  in order, in a different order  not  all, every, each |

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| **YEAR 6** | | |
| **PROPERTIES OF NUMBERS AND NUMBER SEQUENCES**  number, count, how many…?  odd, even  every other  how many times?  multiple of  digit  next, consecutive  sequence  continue  predict  pattern, pair, rule  relationship  sort, classify, property  formula  divisible (by), divisibility, factor, factorise  square number  one squared, two squared… (12, 22…)  prime, prime factor | **PLACE VALUE, ORDERING AND ROUNDING** | |
| units, ones  tens, hundreds, thousands  ten thousand, hundred thousand, million  digit, one-, two-, three- or four-digit number  numeral  ‘teens’ number  place, place value  stands for, represents  exchange  the same number as, as many as  equal to  Of **two** objects/amounts:  >, greater than, more than, larger than, bigger than  <, less than, fewer than, smaller than  , greater than or equal to  , less than or equal to  Of **three** or more objects/amounts:  greatest, most, largest, biggest  least, fewest, smallest  one… ten… one hundred… one thousand more/less  compare, order, size  ascending/descending order | first… tenth… twentieth  last, last but one  before, after  next  between, half-way between  guess how many, estimate  nearly, roughly, close to, about the same as  approximate, approximately  , is approximately equal to  just over, just under  exact, exactly  too many, too few, enough, not enough  round (up or down), nearest  round to the nearest ten/hundred/thousand  integer, positive, negative  above/below zero, minus |
| **MAKING DECISIONS AND REASONING**  pattern, puzzle  calculate, calculation  mental calculation  method, strategy  jotting  answer  right, correct, wrong  what could we try next?  how did you work it out?  number sentence  sign, operation, symbol, equation | **USING A CALCULATOR**  calculator, display, key  enter, clear, sign change  constant, recurring, memory, operation key |
| **ADDITION AND SUBTRACTION**  add, addition, more, plus, increase  sum, total, altogether  score  double, near double  how many more to make…?  subtract, subtraction, take (away), minus, decrease  leave, how many are left/left over?  difference between  half, halve  how many more/fewer is… than…?  how much more/less is…?  equals, sign, is the same as  tens boundary, hundreds boundary, units boundary, tenths boundary  inverse | **MULTIPLICATION AND DIVISION**  lots of, groups of  times, multiply, multiplication, multiplied by  multiple of, product  once, twice, three times… ten times…  times as (big, long, wide… and so on)  repeated addition  array, row, column  double, halve  share, share equally  one each, two each, three each…  group in pairs, threes… tens  equal groups of  divide, division, divided by, divided into  remainder  factor, quotient, divisible by  inverse | **General**  same, identical, different  missing number/s  number facts, number pairs, number bonds  greatest value, least value  number line, number track  number square, hundred square  number cards, number grid  abacus  counters, cubes, blocks, rods  die, dice, spinner  dominoes  pegs, peg board, pin board  geo-strips  same way, different way  best way, another way  in order, in a different order  not  all, every, each |