This document is a progression in the vocabulary for all aspects of the primary mathematics national curriculum. Only the new vocabulary for each year group is listed. This document will support schools to ensure that the pitch of the vocabulary is correct for each year group.

DBAT  
Vocabulary progression   
EYFS to Year 6

[Illustrated Mathematics Dictionary (mathsisfun.com)](https://www.mathsisfun.com/definitions/index.html)

|  | **EYFS** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Number** | zero  number  one, two, three … to twenty and beyond  eleven, twelve … twenty  count, count (up) to, count on (from, to),  count back (from, to)  count in ones, twos, tens  is the same as  more, less  odd, even  few  pattern  pair  compare  sequence | twenty-one, twenty-two … one hundred  numeral  thirty  forty  fifty  sixty  seventy  eighty  ninety  (one) hundred  More than  Less than  Identify  Represent  forwards  backwards | two  hundred … one thousand  count on in 3s,  tally  twenty-first, twenty-second …  estimate  calculate  ascending  descending | hundreds  thousand  three-digit number  tenths | 4 digit number  thousand  ten thousand  hundred thousand  hundredths  negative number  round | millions  thousandths  5 and 6 digit number  mixed number  decimal fraction  square number  cube number  prime number **composite number**  decimals with 2 and 3 decimal places |  |
| **Place Value** | Digit  ones  tens  the same number as, as many as  more, larger, greater  fewer, smaller, less  fewest, smallest, least  most, largest, greatest  one more, ten more  one less, ten less  compare  last,  before, after  next  between  guess and estimate  how many …?  about the same as  too many, too few  enough, not enough  equal to  1st, 2nd, 3rd etc | numeral  most/least (comparing 3 numbers)  count from ...  count in ....  forwards/backwards  number pattern  odd and even  equal sign =  greater than, >  less than <  missing numbers in a sequence  estimate  nearly  close to  sequence  number line  value  partition into tens and ones  two digit (up to 20) | Column (position of a digit on a place value chart)  partition into multiples of tens and ones  equivalent to  multiple of  position on a number line  interval (on a number line) | exact  decimal  approximate  descending  ascending  integer  round  represent  place value holder  decimal point | convert  positive  roman numerals  numeral system | Millions  powers of 10 | Tens of millions |
| **Addition** | number sentence  add, more, and  make  plus  total  altogether  double  one more  how many more to make …?  how many more is … than …?  how much more is …?  Equals  Number bonds  Pair of numbers  Count on | Sum of 2 numbers  double  two/ten more  near doubles  is the same as  missing number  **bridging**  check  inverse | increase  tens boundary  **commutative**  regrouping  empty box/missing number or digit  mental method  inverse  commutative  plus  altogether | 100 more  increase  column digit  column addition (written)  adjusting  estimate  hundreds boundary  adjust near double  combine | decimal addition  operation |  | order of  operations  brackets |
| **Subtraction** | number sentence  take away  how many are left/left over?  how many have gone?  one less  how many fewer is …  how much less is …?  equals  subtract  Number bonds  Pair of numbers  Count on | how many more?  leave  how many left?  two more/two less  ten more/ less  how many fewer  subtraction  count back  missing number  inverse  difference between | Difference between  Exchanging  Tens boundary  empty box/missing number or digit  mental method  inverse | 100 less  decrease  column subtraction (written)  estimate  adjusting | decimal subtraction |  | order of  operations  brackets |
| **Multiplication** | double  doubling  sets of  pairs  number patterns  objects  groups  count on in twos and tens | multiplication  multiplied by  multiply  lots of  groups of  twice  times as ...  array  multiple  count up  repeated addition | times table  rows  columns  commutative  multiplication fact  multiplication table  multiple of  inverse  mental method | multiplied by  larger/smaller  product  times table facts  integer | scaling up  factor  factor pair  short multiplication  compact method  distributive law | prime number  composite number ( not prime)  common factor  common multiple  square number  cube number  squared,  cubed  long multiplication  prime factor | order of  operations  brackets |
| **Division** | half of  halving  share between  sharing  equal groups  sets  count on in twos and tens | share into  division  divide  grouping  count back  unequal groups  repeated subtraction | array  row column  inverse  empty box/missing number or digit  mental method | remainder | factors  short division  quotient  dividend  divisor |  | long division  brackets  order of  operations  decimal remainders  fraction remainders |
| **Fractions** | share, half, whole | two quarters, quarter, three quarters  equal parts  equal groups  quantity  object  same as | third  equivalence  numerator  denominator | fifth, sixth, seventh, eighth, ninth, tenth  two thirds  tenths  unit fraction  non- unit fraction  equivalent fraction | hundredth  common equivalent fractions  improper | improper fraction  mixed number  proper fractions  thousandths  simplify  simplest form |  |
| **Decimals** |  |  |  | decimal point | decimal equivalent  decimal places  decimal fraction  rounding to the nearest whole number |  | Thousandths |
| **Percentage** |  |  |  |  |  | per cent symbol %  number of parts per hundred  percentage  percentage equivalent |  |
| **Ratio and proportion** |  |  |  |  |  |  | ratio  proportion  scale |
| **Algebra** |  |  |  |  |  |  | formulae  linear sequence  expression  unknowns  equations  expression  express  generate  symbols  **variables** |