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**  | zeronumberone, two, three … to twenty and beyondeleven, twelve … twentycount, count (up) to, count on (from, to),count back (from, to)count in ones, twos, tens is the same asmore, lessodd, evenfewpatternpaircomparesequence | twenty-one, twenty-two … one hundrednumeral thirtyfortyfiftysixtyseventyeightyninety(one) hundredMore thanLess than Identify Representforwards backwards | twohundred … one thousandcount on in 3s,tallytwenty-first, twenty-second …estimatecalculateascendingdescending  | hundredsthousand three-digit numbertenths  | 4 digit numberthousandten thousandhundred thousandhundredthsnegative number round | millionsthousandths5 and 6 digit numbermixed numberdecimal fraction square numbercube numberprime number **composite number**decimals with 2 and 3 decimal places |  |
| **Place Value**  | Digitonestens the same number as, as many asmore, larger, greaterfewer, smaller, lessfewest, smallest, leastmost, largest, greatestone more, ten moreone less, ten lesscomparelast, before, afternextbetweenguess and estimate how many …?about the same astoo many, too fewenough, not enoughequal to1st, 2nd, 3rd etc | numeral most/least (comparing 3 numbers)count from ...count in ....forwards/backwardsnumber patternodd and evenequal sign = greater than, >less than <missing numbers in a sequenceestimatenearly close to sequencenumber linevaluepartition 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 onesequivalent to multiple of position on a number lineinterval (on a number line) | exactdecimalapproximate descendingascendinginteger round representplace value holderdecimal point | convertpositive roman numeralsnumeral system  | Millions powers of 10 | Tens of millions  |
| **Addition** | number sentenceadd, more, andmakeplustotalaltogetherdoubleone morehow many more to make …?how many more is … than …?how much more is …?EqualsNumber bonds Pair of numbersCount on  | Sum of 2 numbersdoubletwo/ten more near doublesis the same asmissing number**bridging** check inverse | increasetens boundary **commutative**regroupingempty box/missing number or digitmental methodinverse commutative plusaltogether | 100 more increasecolumn digitcolumn addition (written)adjustingestimate hundreds boundaryadjust near doublecombine | decimal additionoperation  |  | order ofoperationsbrackets |
| **Subtraction**  | number sentencetake awayhow many are left/left over?how many have gone?one lesshow many fewer is … how much less is …?equalssubtractNumber bonds Pair of numbersCount on  | how many more?leavehow many left?two more/two lessten more/ lesshow many fewersubtractioncount backmissing numberinversedifference between | Difference betweenExchangingTens boundaryempty box/missing number or digitmental methodinverse  | 100 lessdecreasecolumn subtraction (written)estimateadjusting | decimal subtraction |  | order ofoperationsbrackets |
| **Multiplication**  | doubledoubling sets of pairs number patternsobjects groupscount on in twos and tens  | multiplicationmultiplied bymultiplylots ofgroups oftwicetimes as ...arraymultiplecount uprepeated addition | times tablerows columnscommutativemultiplication fact multiplication tablemultiple of inversemental method | multiplied bylarger/smallerproducttimes table factsinteger | scaling upfactorfactor pair short multiplication compact methoddistributive law | prime numbercomposite number ( not prime)common factorcommon multiplesquare numbercube numbersquared,cubedlong multiplicationprime factor | order ofoperationsbrackets |
| **Division**  | half of halving share between sharingequal groupssets count on in twos and tens | share into divisiondividegroupingcount backunequal groupsrepeated subtraction | arrayrow columninverseempty box/missing number or digitmental method | remainder | factors short division quotientdividenddivisor |  | long division bracketsorder ofoperationsdecimal remainders fraction remainders |
| **Fractions**  | share, half, whole | two quarters, quarter, three quartersequal parts equal groupsquantityobject same as | thirdequivalence numerator denominator | fifth, sixth, seventh, eighth, ninth, tenthtwo thirdstenths unit fraction non- unit fractionequivalent fraction | hundredthcommon equivalent fractionsimproper | improper fractionmixed numberproper fractions thousandthssimplify simplest form |  |
| **Decimals**  |  |  |  | decimal point  | decimal equivalent decimal placesdecimal fraction rounding to the nearest whole number |  | Thousandths  |
| **Percentage**  |  |  |  |  |  | per cent symbol %number of parts per hundredpercentagepercentage equivalent  |  |
| **Ratio and proportion** |  |  |  |  |  |  | ratioproportionscale |
| **Algebra**  |  |  |  |  |  |  | formulaelinear sequenceexpressionunknownsequationsexpressionexpressgeneratesymbols**variables** |