

# MATHS VOCABULARY PROGRESSION @HCAS

This progression document outlines the vocabulary for all aspects of the Early Years Framework and Primary Mathematics National Curriculum. Only the new vocabulary for each year group is listed.

NUMBER						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
zero number one, two, three ... to twenty and beyond teens numbers eleven, twelve ... twenty first, second, third... twentieth count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens (Exceeding) is the same as more, less odd, even few pattern pair	twenty-one, twenty-two ... one hundred numeral thirty forty fifty sixty seventy eighty ninety (one) hundred	two hundred ... one thousand count on in 3s, tally twenty-first, twenty second ...	ones tens hundreds thousand three digit number tenths	1 I 2 II 3 III 4 IV 5 V 6 VI 7 VII 8 VIII 9 IX 10 X 50 L 100 C 500 D 1000 M 4 digit number thousand ten thousand hundred thousand hundredths	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	millions billions

PLACE VALUE						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
ones 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 last, last but one before after next between guess how many ...?	digit number/ numeral same tens and ones more than/less than less most/least count from ... count in ... forwards/backwards number pattern odd even equal sign = greater than/ smaller than fewer/ fewest largest smallest	greater than, > less than, < equal (to), = column partition most/greatest number pattern equivalent to multiple of	exact position estimate decimal approximate descending ascending integer round represent	Roman Numerals round negative convert positive factor factor pair multiple	prime common factor common multiple squared cubed integer decimal improper fraction mixed number percentage %	sequence pattern term first term etc. rule proportion ratio power digital root

# MATHS VOCABULARY PROGRESSION @HCAS

This progression document outlines the vocabulary for all aspects of the Early Years Framework and Primary Mathematics National Curriculum.  
Only the new vocabulary for each year group is listed.

about the same as just over, just under too many, too few enough, not enough teens balance equal	least equal to many number bonds/pairs missing numbers estimate ordinal cardinal nearly close to					
---	--	--	--	--	--	--

ADDITION						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
number sentence add, more, and make total altogether double one more how many more to make ...? how many more is ... than ...? how much more is ...? equals balances	Add + addition sum total altogether double one more two (ten) more plus equals near double is the same as number bonds/pairs missing number count up	increase tens boundary commutative partition sum fact family regrouping partitioning bridging empty box inverse ten more number bonds for 20 number bonds within 20 check	100 more increase column digit columnar column addition mental method formal method adjusting estimate written method boundary adjust near double combine rounding empty box	decimal addition	approximate	formula term order of operations precedence mean brackets average

SUBTRACTION						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
number sentence take away how many are left/left over? how many have gone? one less how many fewer is ... than ...? how much less is ...? difference between equals balances	how many more? leave how many left? two less ten less how many fewer minus subtract subtraction count up count back	difference between equals is the same as minus order exchanging partition ten less check inverse	100 less decrease exchanging number sentence calculate column subtraction estimate mental method formal method fact family adjust empty box	decimal subtraction	approximate	formula term order of operations precedence brackets

# MATHS VOCABULARY PROGRESSION @HCAS

This progression document outlines the vocabulary for all aspects of the Early Years Framework and Primary Mathematics National Curriculum.  
Only the new vocabulary for each year group is listed.

MULTIPLICATION						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
double doubling sets of pairs number patterns objects groups count in twos ,fives and tens ( Exceeding)	multiplication multiplied by multiply lots of groups of scaling twice times as ... array multiple count up	times table multiplication row column fact family odd even commutative multiplication fact multiplication table repeated addition multiple of 2 multiple of 5 multiple of 10 multiply	missing number scaling multiplied by ... times larger/smaller product times table facts fact family partition grid empty box	factor factor pair compact method short multiplication	prime number composite number multiple common factor common multiple square number cube number squared cubed long multiplication expanded method multiplier	approximate formula term order of operations precedence brackets

DIVISION						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
half of halving share between sharing equal groups sets count in twos ,fives and tens ( Exceeding)	share into division dividing grouping count back unequal equal	array row column fact family inverse divide divided by divided into left, left over repeated subtraction	missing number times table remainder partition fact family inverse operation empty box	quotient divisor dividend factors	compact short scale down test of divisibility	brackets balance order of operations precedence

# MATHS VOCABULARY PROGRESSION @HCAS

This progression document outlines the vocabulary for all aspects of the Early Years Framework and Primary Mathematics National Curriculum.  
Only the new vocabulary for each year group is listed.

FRACTIONS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Share	half two quarters, quarter, three quarters equal parts equal groups quantity object one whole	third, equivalence	fifth, sixth, seventh, eighth, ninth, tenth two thirds tenths divided by ten unit fraction numerator denominator equivalent fraction discrete set diagram add/subtract within one whole	hundredth divided by 100 non- unit fraction common equivalent fractions	improper fraction mixed number proper fractions thousandths convert	simplest form

DECIMALS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			decimal point	decimal equivalent decimal places rounding	decimal fraction, nearest whole number	degree of accuracy

PERCENTAGES						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
					per cent symbol % number of parts per hundred, percentage, percentage equivalent	

RATIO AND PROPORTION						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						relative size quantity scale factor comparison ratio/ proportion unequal sharing/grouping similar shapes