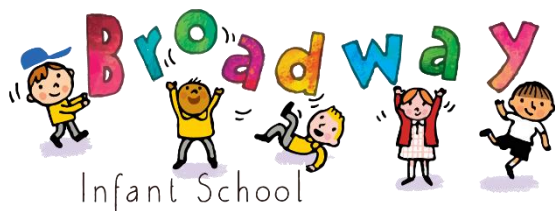


Mathematics Vocabulary Progression



1. Number and place value
2. Addition and subtraction
3. Multiplication and division
4. Fractions
5. Measurement
6. Geometry
7. Statistics

This progression is to assist with the teaching of vocabulary across EYFS & KS1.

This identifies in which year group vocabulary should be explicitly taught and introduced. However, language should be revisited in subsequent year groups to ensure children are consolidating their understanding. Language can be moved into earlier or later year groups where necessary eg shape. Some vocabulary might be introduced earlier if necessary or as part of an activity, however this document ensures coverage is progressive.

Reception	Year 1	Year 2	Year 3
1. Number and Place-value			
count number zero numbers to 20 subitise order/ordinal compare forwards backwards numerals digit how many more less fewer one more one less equal to more than less than (fewer) order largest smallest less even odd	sort represent multiples partition/ partitioning ones tens numbers to 100 place value digit symbol compare greater than first second third...last exchange order least	count in steps count in multiples place value estimate compare 2-digit Pattern Sequence Numbers to one hundred Hundred/s	
2. Addition and subtraction			
add plus altogether total take away minus number bonds part whole digit more One more one less altogether how many are left? Same, different,	addition/add subtraction/subtract difference equals facts problems missing number problems 2-digit number Inverse fact family, addition sentence, number sentence; number line; commutative calculation between, difference	sum 3 digit number commutative bar model operation inverse operation exchange method	

Multiplication and division

<p>double half halving pairs twice as many equal unequal share group odd even</p>	<p>multiplication multiply division divide arrays groups groups of equal groups unequal groups row column array number sentence doubles equal groups of 2 equal groups of 5 equal groups of 10 sharing equally odd, even</p>	<p>commutative repeated addition Times-table Facts Multiples lots of multiplied by times twos fives tens threes divide between dividing grouping sharing</p>	
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Fractions

<p>half halve halving</p>	<p>whole half quarter parts equal parts split groups share equally quarter four equal part one half two halves two quarters</p>	<p>three quarters third fractions two quarters three quarters one third two thirds equivalent</p>	
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5. Measurement (length and height)

<p>measure wide (er) narrower (er) compare long (er) (est) short (er) (est) length height tall (er)</p>	<p>compare measuring ruler centimetre</p>	<p>standard units estimate order record results centimetre cm metre m standard units distance</p>	
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5. Measurement (weight and capacity and temperature)

<p>balance weight/weigh heavy/light heavier than lighter than capacity holds big/bigger/biggest full/empty more than less than half/half full</p>	<p>mass volume scale container</p>	<p>kilogram kg gram g quarter full three quarters full litres l millilitres ml temperature thermometer celsius increase decrease warmer colder</p>	
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5. Measurement (time)

<p>time</p> <p>quick (er) (est)</p> <p>fast (er) (est)</p> <p>slow (er) (est)</p> <p>earlier</p> <p>later</p> <p>now</p> <p>before</p> <p>after</p> <p>first</p> <p>next</p> <p>soon</p> <p>today</p> <p>yesterday</p> <p>tomorrow</p> <p>morning</p> <p>afternoon</p> <p>evening</p> <p>night, midnight</p> <p>day</p> <p>week, weekend</p> <p>month</p> <p>year</p> <p>hour</p> <p>minutes</p> <p>Days of the week: Monday, Tuesday, etc.</p> <p>Seasons: spring, summer, autumn, winter; bedtime, dinner/lunch time, playtime</p>	<p>chronological order</p> <p>days of the week</p> <p>months of the year</p> <p>month</p> <p>year</p> <p>o'clock</p> <p>half past</p> <p>second</p> <p>clock</p> <p>watch</p> <p>hands</p> <p>old, older, oldest</p> <p>new, newer, newest</p>	<p>Interval/intervals of time</p> <p>quarter to/past</p> <p>duration</p> <p>5 to/past</p> <p>10 to/past</p> <p>twenty to/past</p> <p>start, end, seconds</p>	
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5. Measurement (money)

	<p>money</p> <p>coins</p> <p>notes</p> <p>pounds £</p> <p>pence p</p> <p>value</p> <p>amount</p>	<p>value</p> <p>change</p> <p>total</p> <p>spend</p> <p>cost</p>	
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Geometry (shape)

<p>2d shapes</p> <p>rectangle/oblong</p> <p>square</p> <p>circle</p> <p>triangle</p> <p>characteristics</p> <p>3d shapes</p> <p>cuboid</p> <p>cube</p> <p>cone</p> <p>sphere</p> <p>cylinder</p> <p>curved</p> <p>straight</p> <p>flat</p> <p>same</p> <p>different</p> <p>pattern</p> <p>repeating pattern</p>	<p>sides</p> <p>corners</p> <p>properties</p> <p>pyramids</p> <p>faces</p> <p>corner (point, pointed)</p> <p>edge</p> <p>group</p> <p>sort</p>	<p>pentagon</p> <p>hexagon</p> <p>octagon</p> <p>quadrilateral</p> <p>line of symmetry</p> <p>properties</p> <p>prism</p> <p>edges</p> <p>vertices</p> <p>vertex</p> <p>rotate</p> <p>symmetry, symmetrical,</p> <p>line of symmetry</p> <p>horizontal</p> <p>vertical</p> <p>fold</p> <p>angle, right angle</p>	
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Geometry (position and direction)

<p>over under between around through on into next to behind beneath order repeat patterns on top of</p>	<p>position direction movement turn whole turn quarter turn half turn three quarter turn left right up down top bottom middle above below in front behind</p>	<p>clockwise anticlockwise straight line rotate/rotation arrange sequences forwards backwards right angle</p>	
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Statistics

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