	Subject: Mathematics Mathematic Vocabulary using White Rose			
	Progression in Vocabulary			
	Nursery	**Reception**	**Year 1**	**Year 2**
Numbers and Counting	• Numbers zero to 10 • Teen Numbers to 20 • Subitise • Count • Forwards • Backwards • More • Less • same	• Numbers zero to 10 • Teen Numbers to 20 • Subitise • Count • Forwards / Backwards • More / Less • Most / Least • same • none • how many …? • count (up) to, • count on (from, to), • count back (from, to) • count in ones, twos, fives, tens • odd / even • few • pattern • pair	• Numbers zero to 10 • Teen Numbers to 20 • Numbers from 20 to 100 • Numeral • Count • Forwards / Backwards • More / Less • Most / Least • Same / Equal to / Equivalent to • none • how many …? • count (up) to, • count on (from, to), • count back (from, to) • count in ones, twos, fives, tens • Multiple of • odd / even • few • pattern • pair	• Numbers zero to 10 • Teen Numbers to 20 • Numbers from 20 to 100 • Numbers from 100 to 1000 • Numeral • Count • Forwards / Backwards • More / Less • Most / Least • Same / Equal to / Equivalent to • none • Tally • how many …? • count (up) to /count on (from, to), • count back (from, to) • count in ones, twos, fives, tens, threes, fours • Multiple of • odd / even • few • pattern • pair • sequence / Continue / Predict / rule • > greater than / < less than
Estimating	• guess • how many …? • about the same as • too many • too few	• guess • how many …? • estimate • nearly / close to • about the same as • just over / just under • too many / too few • enough / not enough	• guess • how many …? • estimate • nearly / roughly / close to • about the same as • just over / just under • too many / too few • enough / not enough	• 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

Place Value				
	• ones • more • less • larger / bigger, • fewer/smaller/smallest • biggest / largest, • first, second, third • before, • after • next	• ones • tens • digit • the same number as, • many • more, • larger / bigger / greater • fewer / smaller / smallest, • biggest / largest / greatest • one more / one less, • compare • order • size • first, second, third… tenth • last / last but one • before / after • next • between	• ones • tens • digit • the same number as, • many • more, • larger / bigger / greater • fewer / smaller / smallest, • biggest / largest / greatest • one more / ten more • one less / ten less • equal to • compare • order • size • first, second, third… twentieth • last / last but one • before / after • next • between • half-way between • above / below	• ones • tens • hundreds • digit • one digit number • two digit number • three digit number • place • place value • stands for / represents • exchange • the same number as, • many • more, • larger / bigger / greater • fewer / smaller / smallest, • biggest / largest / greatest • one more / ten more • one less / ten less • equal to • compare • order • size • first, second, third… twentieth • last / last but one • before / after • next • between • half-way between • above / below

Calculating: Addition and Subtraction	• How many altogether? • How many left?	• Add / more / and • Make / sum / total • altogether • one more, two more … ten more • how many more to make …? • how many more is … than …? • how much more is …? • take away • 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	• addition • add / more / and • make / sum / total / altogether • one more, two more … ten more • how many more to make …? • how many more is … than …? • how much more is …? • subtract / take away • 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 • equals / is the same as • number bonds/pairs • missing number	• addition • add / more / and • make / sum / total / altogether • one /two more/ten more /one hundred more • how many more to make …? • how many more is … than …? • how much more is …? • subtract / take away • how many are left/left over? • how many have gone? • one less, two less, ten less … one hundred less • how many fewer is … than …? • how much less is …? • difference between • equals / is the same as • number bonds/pairs • Number facts • missing number • Tens boundary
Calculating: Multiplication and Division	• Double • Halve • Share	• double • doubling • sharing • half • halving • number patterns	• double / doubling / near double • multiplication • multiply / multiplied by / multiple • division • dividing • grouping • sharing • half / halving • number patterns • array	• double / doubling / near double • multiplication • multiply / multiplied by / multiple • multiple groups of • times • times once, twice, three times … ten times • repeated addition • division • dividing /divide /divided by/divided into • grouping • sharing / share / share equally • equal groups • left / left over • half / halving • number patterns • array / row / column • multiplication table • multiplication fact / division fact

Fractions	• Whole • Half	• whole • parts of a whole • half • quarter • equal	• fraction • whole • equal part • equal • grouping • equal sharing • parts of a whole • half • one of two equal parts • quarter • one of four equal parts	• fraction • whole • equivalent • mixed number • numerator / denominator • equal part • equal • grouping • equal sharing • parts of a whole • half / two halves • one of two equal parts • quarter / two quarters /three quarters • one of four equal parts • one third / two thirds • one of three equal parts
Measurement General	• measure • size • guess, • about the same as	• measure • size • compare • guess / estimate • enough / not enough • too much / too little • too many / too few • nearly/ close to/ about the same as • just over / just under	• measure • measurement • size • compare • guess / estimate • enough / not enough • too much / too little • too many / too few • nearly / close to / about the same as • roughly • just over / just under	• measure • measurement • size • compare • scale • guess / estimate • enough / not enough • too much / too little • too many / too few • nearly / close to / about the same as • roughly • just over / just under • Temperature / degree

Measurement Length	• length / height • width • long / longer / longest • short / shorter / shortest • tall / taller / tallest • high / higher / highest • low / lower / lowest • longer / shorter • far / near	• metre • length / height • width / depth • long / longer / longest • short / shorter / shortest • tall / taller / tallest • high / higher / highest • low / lower / lowest • wide / wider / widest • narrow / narrower /narrowest • thick / thicker / thickest • thin / thinner / thinnest • longer / shorter, • far / near / close	• centimetre / metre • length / height / width / depth • long / longer / longest • short / shorter / shortest • tall / taller / tallest • high / higher / highest • low / lower / lowest • wide / wider / widest • narrow / narrower /narrowest • thick / thicker / thickest • thin / thinner / thinnest • longer / shorter, • far / near / close • ruler • metre stick	• centimetre / metre • length / height / width / depth • long / longer / longest • short / shorter / shortest • tall / taller / tallest • high / higher / highest • low / lower / lowest • wide / wider / widest • narrow / narrower /narrowest • thick / thicker / thickest • thin / thinner / thinnest • longer / shorter, • far / further / furthest / near / close • ruler • metre stick • tape measure
Measurement Weight	• Weigh • Heavy • Light	• Weigh / weighs / balances • heavy / heavier than /heaviest • light / lighter than / lightest • scales	• kilogram / half kilogram • weigh / weighs / balances • heavy / heavier than /heaviest • light / lighter than / lightest • scales	• kilogram / half kilogram / gram • weigh / weighs / balances • heavy / heavier than /heaviest • light / lighter than / lightest • scales
Measurement Capacity	• full • empty • more • less	• full • empty • half full • holds more • holds less • container	• full / empty • half full • holds more / holds less • container • litre / half litre • capacity / volume • more than / less than • half full / quarter full	• full / empty • half full • holds more / holds less • contains / container • litre / half litre / millilitre • capacity / volume • more than / less than • half full / quarter full

Measurement Time				
	• Days of the week • Birthday / holiday • morning • afternoon • night • bedtime • dinner time • playtime • home time • today • clock / watch, • before/after/next/now	• time • days of the week, • day / week • birthday / holiday • morning/afternoon/evening/night • bedtime/dinner time /playtime • today/yesterday /tomorrow • before/after/next/last/now/soon • early /late • quick/quicker/quickest/quickly • slow /slower /slowest /slowly • old /older/oldest • new /newer /newest • takes longer, • takes less time • hour / o'clock • clock / watch, • hands	• time • days of the week / months of the year • Seasons • Day / week / weekend / month / year • birthday / holiday • morning/afternoon/evening/night • bedtime/dinner time /playtime • today/yesterday /tomorrow • before/after/next/last/now/soon • earlier / later • early /late • quick/quicker/quickest/quickly • slow /slower /slowest /slowly • old /older/oldest • new /newer /newest • takes longer / takes less time • how long ago? • how long will it be to …? • how long will it take to …? • how often? • Always/never/often/sometimes/usually • Once / twice • o'clock / half past / quarter past / quarter to • clock / clock face / watch / hands • hour hand / minute hand • hours / minutes	• time • days of the week / months of the year • Seasons • Day/week/weekend/fortnight/midnight • Month / year / date • birthday / holiday • morning/afternoon/evening/night • bedtime/dinner time /playtime • today/yesterday /tomorrow • before/after/next/first/last/now/soon • earlier / later • early /late • quick/quicker/quickest/quickly • slow /slower /slowest /slowly • old /older/oldest • new /newer /newest • takes longer / takes less time • how long ago? • how long will it be to …? • how long will it take to …? • how often? • Always/never/often/sometimes/usually • Once / twice • o'clock/ half past/ quarter past/ quarter to/ 5,10,15,20,25 minutes past • clock / clock face / watch /timer/hands • digital / analogue • hour hand / minute hand • hours / minutes / seconds

Measurement Money	Money Coin pence pound buy	• money • coin • penny / pence / pound • price / cost • buy / sell • spend / spent / pay	• money • coin / note • 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	• money • coin / note • penny / pence / pound • price / cost • buy / bought / sell / sold • spend / spent / pay • change • dear / costs more • cheap / costs less, • cheaper • costs the same as • how much …? • How many …? • total
Geometry Shape	• Shape / pattern • flat • curved / straight • round • sort • make / build / draw • size • bigger / larger /smaller • match • corner • side • rectangle / square • circle / triangle • face • cube / cuboid • sphere / cylinder	• Shape / pattern • flat • curved / straight • round • hollow / solid • sort / make / build / draw • size • bigger / larger / smaller • symmetrical pattern, • repeating pattern • match • corner / side • rectangle / square / circle / triangle • face / edge • cube / cuboid / sphere / cone / cylinder	• Shape / pattern • flat • curved / straight • round • hollow / solid • sort / make / build / draw • size • bigger / larger / smaller • symmetry / symmetrical pattern, • repeating pattern • match • corner / side • pointed • rectangle / square / circle / triangle • face / edge / vertex / vertices • Cube / Cuboid / Pyramid / Sphere / cone / cylinder	• Shape / pattern • flat • curved / straight • round • hollow / solid • sort / make / build / draw • surface • size • bigger / larger / smaller • symmetry / symmetrical • symmetrical pattern / line of symmetry • repeating pattern • match • corner / side • point / pointed • rectangle / rectangular • square • circle / circular • triangle / triangular • pentagon / hexagon / octagon • face / edge / vertex / vertices • Cube / Cuboid / pyramid / Sphere / cone/ cylinder

Geometry — Position and Direction			
• over / under • above / below • top / bottom • on / in • outside/inside • in front / behind • next to • between • middle • up / down • forwards / backwards • next to • slide / roll / turn / stretch /bend	• position • over / under • above / below • top / bottom / side • on / in • outside/inside • around / in front / behind • front / back • beside / next to • opposite • apart • between / middle • direction • left / right • up / down • forwards / backwards / sideways • across • next to / close / near / far • along / through • to / from / towards / away from • movement • slide / roll / turn / stretch /bend • whole turn / half turn	• position • over / under / underneath • above / below • top / bottom / side • on / in • outside/inside • around / in front / behind • front / back • beside / next to • opposite • apart • between / middle / centre • direction • journey • left / right • up / down • forwards / backwards / sideways • across • next to / close / near / far • along / through • to / from / towards / away from • movement • slide / roll / turn / stretch /bend • whole turn / half turn • quarter turn / three-quarter turn	• position • over / under / underneath • above / below • top / bottom / side • on / in • outside/inside • around / in front / behind • front / back • beside / next to • opposite • apart • between / middle / centre • direction / journey / route • left / right • up / down • higher / lower • forwards / backwards • across • next to / close / near / far • along / through • to / from / towards / away from • clockwise / anti-clockwise • movement • slide / roll / turn / stretch /bend • whole turn / half turn • quarter turn / three-quarter turn • right angle • straight line
Statistics			
• count / sort • Group	• Count / sort • Group / set • list	• count / sort / vote • group / set • list / table	• count / tally / sort / vote • graph / block graph /pictogram • represent • group / set • list / table • label /title • most popular / most common • least popular / least common

General				
	• pattern • puzzle • recognise • draw • sort	• pattern • puzzle • what could we try next? • how did you work it out? • recognise • describe • draw • compare • sort	• pattern • puzzle • problem / problem solving • mental / mentally • what could we try next? • how did you work it out? • explain your thinking • recognise • describe • draw • compare • sort	• Pattern • puzzle • problem / problem solving • mental / mentally • what could we try next? • how did you work it out? • show how you … • explain your thinking • explain your method d • escribe the pattern • describe the rule • investigate • recognise • describe • draw • compare • sort • mental calculation • written calculation