Progression in Mathematical Vocabulary

	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
General	sort part whole model tens frame counting beads counters	representation rule sign symbol table bar model base 10/dienes	general statement generalise column row scale explain	prove proof disprove place value counters	comparison bar model		
Place Value	concrete objects count digit partition zero greater than less than number more than equal (to) forwards backwards tens ones	compare consecutive hundred square inequality notation number line number square number track numeral ordinal number place value quantity sequence set most least	frequency maximum value minimum value	Interval Place holder hundreds	integer roman numerals round thousands negative number positive number	negative integer power ten thousands hundred thousands	million

Four Operations	double equal to equals facts number bond share add subtract take away total altogether	addend addition array divide division groups operations inverse operation minus missing number problem multiply near double number line number sentence number fact subtraction sum fact family	column addition/subtr action commutative compensation difference exchange fluency mental calculation multiple multiplication multiplication table product repeated addition estimate even number odd number grouping sharing	approximation complement decompositio n divisible dividend divisor efficient methods factor (basic) formal written methods minuend subtrahend quotient scaling	short multiplication factor pairs distributive law	common multiple common factor composite number cube number divisibility factorise long multiplication short division prime number prime factor level of accuracy	algebra brackets expression long division order of operation priority of operations ratio proportion degree of accuracy scale factor formulae
Fractions	share whole part half	quarter fraction equal parts	third equivalent fraction	unit fraction non unit fraction numerator denominator mixed number improper fraction tenth	operator decimal decimal fraction decimal system hundredth decimal place	percentage thousandths recurring decimal	common factor simplify simplest form
Geometry/pos	pattern	whole	properties	orientation	coordinates	regular/irregul	radius

ition and direction	circle circular cone cube cuboid cylinder line pattern rectangle square triangle	quarter half three quarter turns	vertical vertices faces edges symmetry right angle (turn) clockwise anticlockwise	complete turn right angle acute obtuse horizontal perpendicular parallel centre curved surface heptagon net parallelogram	translation area plot protractor quadrant reflective symmetry	ar polygon reflection compasses	diameter circumference degree accuracy dissection rotational symmetry translation vertically opposite angles
Statistics			pictogram tally chart block diagram table quantity categories categorical data	bar chart scale axis interpret	discrete data continuous data line graph graph grid sample	timetables	mean average diameter
Measure	hour length measure pound (money) penny minute time	height width mass weight capacity volume time chronological	metre centi- centimetre kilograms grams litres millilitres unit °Cpounds pence quarter past quarter to temperature analogue	millimetre milli- kilo- perimeter ampmleap year duration	convert rectilinear cubic centimetre cubic metre square metre square centimetre	metric imperial composite shape foot gallon inch mile ounce pint pound (mass) yard	origin distance between

			digital				