EPWORTH
EDUCATION TRUST

Progression in Vocabulary – Mathematics

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value					
sort represent multiples partitioning ones tens	count in steps count in multiples place value estimate compare	ascending descending 10 or 100 more 10 or 100 less hundreds	negative numbers roman numerals 1000 more 1000 less thousands round	ten thousands one hundred thousands powers of integer	millions ten millions
Addition and Subtraction					
addition/add subtraction difference equals facts problems missing number problems 2-digit number Inverse	sum 3-digit number commutative	column addition column subtraction exchange estimate	4-digit number operations methods		
Multiplication and Division					
multiplication division arrays	multiplication tables commutative repeated addition	exchange mathematical statements missing number problems integer scaling problems correspondence problems derived facts	factor pairs formal written layout distributive law remainders	multiples factors prime numbers square numbers cube numbers	multi-digit numbers long division

				short division product dividend divisor quotient operations	
Fractions, Decimals and Percentages					
whole half quarter equal parts	three quarters third equivalent fractions unit fractions non unit fractions numerator denominator one whole	tenths	decimal equivalence hundredths convert proper fractions improper fractions decimal point	fifth thousandths mixed numbers per cent (%) factors integer complements	
Ratio and Proportion					
					relative size missing values integer multiplication percentages scale factor unequal sharing & grouping
Algebra					
					formulae linear number sequences algebraically equation unknowns combinations variables
Measurement (Measure and Length)					
compare	standard units estimate order	millimetre (mm) perimeter	kilometre (km) rectilinear figure area	decimal notation scaling metric units	conversion miles formulae

	record results centimetre (cm) metre (m)			imperial units inches compound shape irregular shapes square centimetres square metres	parallelograms triangles feet
Measurement (Height, Weight and Capacity)					
mass volume	kilogram (kg) gram (g) quarter full three quarters full litres (l) millimetres (ml) temperature celcius			cubic centimetre pounds pints	cubic metre cubic millimetre cubic kilometre gallons stones ounces
Measurement (Time)					
chronological order days of the week months of the year month year o'clock half past second	intervals of time quarter past/to duration	analogue clock roman numerals 12-hour clock 24-hour clock am/pm noon midnight leap year digital	convert		
Measurement (Money)					
	money coins notes pounds (£) pence (p)	value change			
Geometry- Properties of Shape					
sides corners	pentagon hexagon	right angle triangle heptagon	isosceles equilateral	regular polygon irregular polygon	radius diameter

properties pyramids faces	line of symmetry properties cylinder edges vertices vertex	octagon polygon properties prism	scalene trapezium rhombus parallelogram kite geometric shapes quadrilaterals		circumference dimensions
Geometry- Properties of Shape (2)					
		orientations angles acute angle obtuse angle turn right angles half turn three quarters of a turn greater than right angle less than right angle horizontal lines vertical lines perpendicular lines parallel lines		right angles degrees one whole turn angles on straight line angles around a point vertically opposite missing angles	
Geometry- Position and Direction					
position direction movement whole turn quarter turn half turn three-quarter turn	clockwise anti-clockwise straight line rotation arrange sequences		co-ordinates first quadrant grid translation plot polygon axis	reflection	four quadrants co-ordinate plane
Statistics					
	pictograms tally chart block diagram category	table bar chart one-step problem two-step problem	time graph discrete data continuous data line graph	timetable two-way tables	pie chart mean

	sorting totalling comparing horizontal vertical		comparison problem sum problem difference problem calculate interpret		