Boldmere Junior School

Mathematics Vocabulary : Building on prior learning (linked to WR)

Topic	KS1	Year 3	Year 4	Year 5	Year 6
Place Value					
Place Value	Numeral Count More Less < > Equals Digit Number bond Partition Concrete Pictoral Abstract	Estimate Represent Place Value Integer Place Holder STEM	Negative numbers Roman numeral Rounding	Context Approximate	Degree of accuracy Intervals
4 Operations					
Addition and Subtraction	Add Subtract Take-away Minus Operation Inverse	Digits Column method Mentally Addend Sum Exchange	Two-step problem Formal written method Efficient method Subtrahend	Multi-step problem	Mixed operations BIDMAS Order of operations

Multiplication	Multiple Multiplicand Times Tables Commutative Array Repeated Addition	Short multiplication		Factors Factor Pairs Highest Common Factor Factorise Lowest Common Multiple Prime Number Prime Factor Prime factor decomposition Composite Number Squared Number Cubed Number Long Multiplication Remainders	Long multiplication
Division	Sharing	Short division (bus stop) Dividend Divisor Quotient			Long division Reciprocal
Fractions, Decimals and Percentages					
Fractions,	Half Quarter Equal Parts Fraction Equivalent	Numerator Denominator Unit fraction Non-unit fraction Cancel (a fraction)	Convert	Mixed Numbers Improper Fractions	

		Simplify			
Decimals			Decimal Decimal Point Tenths Hundredths 2 decimal places	3 decimal places	Recurring Decimal
Percentages				Percent % Cent	

Ratio and Proportion					Ratio Proportion Scale Factor Unequal sharing Grouping

Algebra		Missing number problem			Formula Linear number Sequence Algebra Satisfy an equation Unknown Variables

				Equation Brackets
Measurement				
Measures	Long/Short Heavy/Light Full/Empty More than/ less then Half full Length Height Metre Centimetre Temperature Degrees Centigrade Mass Weight Kilogram Gram Capacity Volume Litre Millilitre		Kilometre	Metric Imperial Inch Pound (weight) Pint	Miles m^3 mm^3 km^3

Money	Pounds Pence	Convert			
Time	Chronological order Sequence Half Past O'Clock Hours Minutes Seconds Quicker Slower Earlier Later Anti-clockwise Clockwise	O'Clock AM PM Noon Midnight Duration Leap Year	Analogue Digital Convert 12 Hour 24 Hour		
Perimeter, Area and Volume		Perimeter	Rectilinear Area	Composite shape Cm² m² Irregular shape cm³	Parallelogram

Geometry					
2D and 3D shapes	Composite shape Rectangle Circle Triangle Cube Cuboid Pyramid Cylinder Symmetry	2D shape 3D shape	Quadrilateral Properties Line of symmetry Symmetric Orientation	Polygon Regular Irregular Cross- section	Dimensions Radius Diameter Circumference Nets
Angles and Lines		Angles Right Angle Half-turn Horizontal line Vertical line Perpendicular line Parallel lines	Acute angle Obtuse angle	Degrees° Reflex angle	Vertically opposite
Position and Direction	Half turn Quarter Turn Rotation		Co-ordinates Quadrant Translation Axis Plot	Reflection Translation	Four quadrant grid Co-ordinate plane
Statistics					

Present and Interpret	Pictogram Tally Chart Block diagram Category Data	Bar chart Pictogram Table	Discrete data Continuous data Time graph	Timetable	Pie Chart
Solve Problems		One step question Two step question		Interpret Line Graph	Mean Average