



Higher Walton C of E Primary School Key Mathematical Vocabulary

Number and Place Value						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number Many	Sort	Numbers to 100	Numbers to 1000	Negative	Ten thousands	Numbers to ten
None Equal to/same as	Represent	Hundreds	Ascending	Numbers/integers	One hundred	Millions
Count More than	Multiples	Count in steps	Descending	Round	thousands	Ten millions
Subitise	Partitioning	Count in multiples	10 or 100 more	Roman numerals	Powers of	
Order	Recombining	Estimate	10 or 100 less	1000 more	Integer	
Compare	Ones			1000 less		
Forwards	Tens			Thousands		
Backwards	Place Value			Round		
Numerals	Compare					
Digit						
One more						
One less						
Less than(fewer)						

Addition and Subtraction						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Add	Addition/Add		Column addition			
Plus	More	3-digit number	Column subtraction			
Altogether	Altogether	Communicative	Exchange			
Total	Sum/Total		Estimate			
Take away/minus	Double/near double					
Number bonds	Half/halve					
Part	Subtraction					
Whole	Take away					
Digits	Minus/Difference					
	Equals					
	Facts					
	Problems					
	Missing number problems					
	2-digit numbers					
	Inverse					

	Number bonds					
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Multiplication and Division						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Double Half Twice as many Equal Unequal Share Group Odd Even	Multiplication Division Arrays Row Column Count in.... Lots of Groups of.. Times Multiple Repeated Addition Share Divide	Multiplication Tables Communicative	Exchange Mathematical Statements Derived facts Product Multiples Factors Scale up	Factor pairs Distributive law Remainders	Prime Numbers Square numbers Cube numbers Short division Dividend Divisor Quotient Operations Formal written method	Long division Order of operations Common factors Common multiples

Fractions, decimals and percentages						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Whole Half Quarter Equal parts	Three quarters Third Equivalent Fractions Unit fractions Non unit fractions Numerator Denominator One whole	Tenths Compare and order Tenths	Decimal Equivalence Convert Proper fractions Improper fractions Decimal point Mixed numbers	Percent % Percentage complements	Simplify Degree of accuracy

Ration and proportion						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						Relative size Missing numbers Integer Multiplication Percentages Scale factor Unequal sharing and grouping

Algebra						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						Formulae Linear numbers sequences Algebraically Equation Unknowns/known Combinations/Variables Substitute/symbol

Measurement(Measures and Length)						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measure Wider Narrow Compare Longer Shorter length		Standard units Estimate Order Record results Centimetre cm Meter m	Millimetre mm Perimeter	Kilometer km Rectilinear shape Area Irregular shapes Convert	Decimal notation Scaling Metric units Imperial units Inches Compound shape	Conversion Miles Formulae Parallelograms Triangles Feet

Measurement(Height, weight and capacity)						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Height Long Short Weight Capacity Heavy/light Heavier than Lighter than Full/empty More than	Mass Volume Holds Scales Container Weigh Balances	Kilogram kg Gram g Quarter Three quarters Litres L Millimetres ml Temperature Degrees		Convert	Volume Cubic centimetres Pounds Pints	Cubic metre Cubic millimetre Cubic kilometre Gallons Stones Ounces

Less than
Half/half full

Measurement (Time)						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Seasons	Chronological order	Intervals of time	Analogue			
Time	Days of the week		Roman Numerals			
Quicker	Months of the year	Quarter	12-hour clock			
Slower	Month	past/to	24-hour clock			
Earlier	Year	Duration	Am/pm			
Later	O'clock		Noon			
Before	Half past		Midnight			
After	Second		Leap year			
First			Digital			
Next						
Today						
Yesterday						
Tomorrow						
Morning						
Afternoon						
Evening						
Day						
Week						
Hour						
Minutes						

Measurement(Money)						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Money Coins Notes Pounds £ Pence p	Value Change				

Measurement(Properties of Shape)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2d shape	Group	Line of symmetry	Right angle triangle	Isosceles		
Rectangle	Sort	Symmetrical	Heptagon	Equilateral		
Square	Sides	Mirror Line	Polygon	Scalene		
Circle	Corners	Properties	Properties	Trapezium		
Triangle	Properties	Reflection	Prism	Rhombus		
Characteristics	Pyramids	Pattern	Horizontal	Parallelogram		
3d shapes	Faces	Repeating pattern	Vertical	Kite		
Cuboids	Pentagon	Properties	Perpendicular lines	Geometric shapes		
Cubes	Hexagon	Edges	Parallel lines	Quadrilaterals		
Cone	Cylinder	Vertices		Regular polygon		
Spheres	Octagon	Vertex		Irregular polygon		
Curved	Hollow					
Straight	Solid					
Flat						

Measurement(Angles)						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			Orientations Angles Acute Obtuse Turn Right angles Half turn Three quarters of a turn Greater than a right angle Less than a right angle Horizontal lines Vertical lines Perpendicular lines Parallel lines Reflex angles Degrees		Angles of a straight line Angles around a point Vertically opposite Missing angles	

Measurement(position and direction)						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Over/under	Position	Clockwise/anti-clockwise		Co-ordinates		Four quadrants
Between	Direction			First quadrant		Co-ordinate plane

Around Through On Into Next to Behind Beneath Order Repeat Patterns On top of	Movement Whole turn Quarter turn Half turn Three-quarter turn Left Right Forwards Backwards	Straight line Rotation Arrange Sequences Degree		Grid Translation Plot Polygon X axis/Y axis Perimeter and area		
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Statistics						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Pictograms Tally chart Tally Vote Represent Block diagram Category Sorting Totalling Comparing Horizontal Vertical Popular	Table Bar Chart Carroll diagram Venn diagram Axis Diagram Frequency table	Time graph Discrete data Continuous data Line graph Comparison Problem Calculate Interpret	Timetable Two-way tables	Pie Chart Mean Construct