

Maths Vocabulary Progression Document



Richmond Hill Primary School – Maths



	<u>EYFS</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
Number and place value	One more One less Place Order Number Count Numbers up to twenty Number line Pictorial Answer Equals Numeral How many?	Same as previous years plus: Forwards Backwards Numerals Multiples Compare Equal to More than Less than Most Least Digit Odd Even Pattern Tens Ones	Same as previous years plus: Two- digit Estimate Place Value Solve Problems Greater than > Less than < Nearest ten Number facts Partition Compare Determine Value	Same as previous years plus: Hundreds Three-digit ten more one hundred more ten less one hundred less hundreds	Same as previous years plus: Negative numbers Roman numerals One thousand more One thousand less Thousands Round Decimal Rounding Place holder Nearest 10/100/1000 Tenths Hundredths	Same as previous years plus: Ten thousand Hundred thousand Millions Context Powers of Decimal equivalents Two decimal places Thousandths Numbers up to one million Integer	Same as previous years plus: Intervals across zero Three decimal places Hundredths Thousandths Ten thousandths Numbers up to ten million
Addition and subtraction	Add Subtract Number Number line Single digit Count on Count back Answer Doubling Halving	Addition Subtraction Difference Equal Number bonds Facts Problems Two-digit number Missing number Pictorial	Sum Two-digit number Column addition Column subtraction Whole numbers Order Inverse Calculation	Three-digit number Estimate Number facts Exchange Borrow	Two step problems Four-digit numbers Operations Methods	Determine Context	Order of operations Mixed operations Estimation

	Sharing Numbers to twenty	Concrete	Solve problems Written method Mental method Operation				
Multiplication and division	Double Half Share Group Equal Pattern	Multiplication Division Multiply Divide Arrays Row Odd even	Multiplication tables Repeated addition Calculate	Exchange Missing number problems	Factor pairs Remainders Formal written layout	Multiples Factors Prime numbers Square numbers Cube numbers Short division Product Operations	Multi-digit numbers Long division
Fractions/Decimal/ Percentages		Whole Half Quarter Equal parts	Three quarters Equivalent fractions One whole Numerator Denominator Third	Tenths	Decimal equivalence Hundredths Convert Proper fractions Improper fraction Decimal point	Fifth Thousandths Mixed numbers Percent Factors Integer	
Ratio and proportion							Ratio Proportion Quantity Relative size Missing values Integer multiplication Percentages Scale factor

							Unequal sharing and grouping
Algebra							Formulae Linear number sequence Algebraically Equation Unknowns Combinations Variables
Time	Before After First Next Today Yesterday Tomorrow Morning Afternoon Evening Week Weekend Hour Minutes Birthdays Seasons	Chronological order Days of the week Months of the year O'clock Half past	Quarter past Quarter to Duration	Analogue clock Roman numerals 12 hour clock 24 hour clock Am/pm Noon Leap year			
Money		Money Coins Notes Pounds pence	Value Change				

Measurement	Measure Compare Longest Shortest Length Height Weight Capacity Heavy/heavier Light/lighter Big/biggest Small Full Empty More than Less than Half full	Compare Mass Volume Order	Estimate Record results Centimetres Metres Kilogram Gram Litres Millilitres Temperature Degree Celsius	Millimetre Perimeter	Kilometres Rectilinear figure area	Scaling Decimal notation Metric units Imperial units Inches Square centimetres Square metres Pounds Pints Cubic centimetre	Conversion Miles Formulae Parallelograms Feet Cubic metre Cubic millimetre Cubic kilometre Gallons Stones Ounces
Shape	2D shapes Rectangle Square Circle Triangle 3D shapes Cuboids Cubes Cone Sphere Curved Straight	Sides Corners Properties Pyramids Faces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right angle triangle Heptagon Octagon Polygon Prism Acute angle Obtuse angle Types of turns Horizontal lines Vertical lines Parallel Perpendicular	Isosceles Equilateral Scalene Trapezium Rhombus Parallelogram Kite Quadrilaterals	Regular polygon Irregular polygon Reflex angles Degrees Angles on a straight line Angles around a point Missing angles Vertically opposite	Radius Diameter Circumference Dimensions

	Flat						
Position and direction	Over Under Between Around Through On Next to Behind Order Repeat Patterns Roll Turn Up Down	Position Direction Movement Whole turn Quarter turn Half turn Three quarter turn	Clockwise Anti-clockwise Straight line Rotation Arrange Sequence		Co-ordinates First quadrant Grid Translation Plot Polygon Axis	Reflection	Four quadrants Co-ordinate plane
Statistics			Pictogram Tally chart Block diagram Category Sorting Total Compare Horizontal Vertical	Table Bar chart One step problem Two step problem	Time graph Line graph Discrete data Continuous data Interpret Comparison problem Sum problem Difference problem	Timetable Two-way tables	Pie chart Mean