

Maths Vocabulary Progression Document

Number and Place Value						
Reception	1	2	3	4	5	6
Count	Sort	Count in steps	Ascending	Negative numbers	Ten thousand	Millions
Subitise	Represent	Count in multiples	Descending	Roman numerals	One hundred thousands	Ten millions
Order	Multiples	Place value	Hundreds	Thousands	Powers of	
Ordinal	Partitioning	Estimate		Round	Integer	
Forward	Ones	Compare				
Backward	Tens					
Numeral						
Digit						
More than						
Less than						
fewer						
Equal						

Addition and subtraction

Reception	1	2	3	4	5	6
Add	Addition	Sum	Column addition	4-digit number		
Plus	Subtraction/	3 digit number	Column subtraction	Operations		
Altogether	Subtract	Commutative	Exchange	Method		
Total	Difference		Estimate			
Takeaway	Equals					
Minus	Facts					
Number bonds	Problems					
Part	Missing number problems					
Whole						
Digit	2 digit numbers					
	Inverse					

Multiplication and division

Reception	1	2	3	4	5	6
Double Half Twice as many Equal Unequal Share Group Odd Even	Multiplication Division Arrays	Multiplication Tables Commutative Repeated addition	Exchange Derived facts Correspondence scaling	Factor pairs Formal written method Distributive law remainders	Multiples Factors Prime numbers Square numbers Cube numbers Short division Product Dividend Divisor Quotient	Long division

Fractions, decimals and percentages

Reception	1	2	3	4	5	6
	Whole part 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 Percent Highest common factors Integer complement	

Ratio and proportion

Reception	1	2	3	4	5	6
						Relative size missing values Scale factor

Algebra

Reception	1	2	3	4	5	6
						Formula Linear sequence Algebraically Equation Unknown value variable

Measurement and length

Reception	1	2	3	4	5	6
Measure Wide(er) Narrow(er) Compare Long(er) Short(er) length		Standard units Estimate Order Record results Centimetre (cm) Metre (m) Temperature Celsius	Millimetre (mm) perimeter	Kilometer (km) Rectilinear shape area	Decimal notation Scaling Metric units Imperial units Inches Compound shape Irregular shapes Square cm Square m	Conversion Miles Formula Parallelograms Triangles feet

Height, weight and capacity

Reception	1	2	3	4	5	6
Height	Mass volume	Kilogram			Cubic centimeters	Cubic metre
Longer/shorter		Gram			Pounds	Cubic millimetre
Taller/shorter		Quarter full			pints	Cubic kilometre
Weight		Three quarters full				Gallons
Capacity		Litres				Stones
Heavy/light		Millilitres				ounces
Heavier than						
Lighter than						
Big/bigger/biggest						
Full/empty						
More than						
Less than						
Half full/half						

time

Reception	1	2	3	4	5	6
Time	Chronological order	Intervals of time	Analogue clock	convert		
Quicker						
Slower	Days of the week	Quarter past/to	Roman numerals			
Earlier	Months of the year	Duration	12- hour clock			
Later			24-hour clock			
Before	Month		Am/pm			
After	Year		Noon			
First	O'clock		Midnight			
Next	half past		Leap year			
Today	second		Digital			
Yesterday						
Tomorrow						
Morning						
Afternoon						
Evening						

Day						
Week						
Hour						
Minute						

money						
Reception	1	2	3	4	5	6
	Money Coins Notes Pounds pence	Value change				

shape						
Reception	1	2	3	4	5	6
2d shape	Sides	Pentagon	Right-angled triangle	Isosceles	Regular polygon	Radius
Rectangle	Corners	Hexagon	Heptagon	Equilateral	Irregular polygon	Diameter
Circle	Pyramids	Line of symmetry	Octagon	Scalene	Reflex	Circumference
Triangles	Faces	Cylinder	Polygon	Trapezium	Degrees	dimensions
Characteristics	Properties	Edges	Prism	Rhombus	Angles on a straight line	
3d shape		Vertices	Acute angles	Parallelogram	Angles round a point	
Cuboid		vertex	Obtuse angles	Kite	Vertically opposite	
Cube			Turn	Geometric shapes	Missing angles	
Cone			Right angles	quadrilateral		
Sphere			Half turn			
Surved			Three quarter turn			
Straight			Horizontal			
flat			perpendicular			
			parallel			

Position and direction

Position and direction						
Reception	1	2	3	4	5	6
Over	Position	Clockwise		Coordinates	reflection	Four quadrants
Under	Direction	Anticlockwise		First quadrant		Coordinate plane
Between	Movement	Straight line		Grid		
Round	Whole turn	Rotate		Translation		
Through	Quarter turn	Arrange		Plot		
On	Half turn	sequence		Polygon		
Into	Three quarter turn			Axis		
Next to						
Behind						
Beneath						
Order						
Repeat						
Patterns						
On top of						

Statistics

Statistics						
Reception	1	2	3	4	5	6
		Pictogram Tally chart Block diagram Category Sorting Total Compare Horizontal vertical	Table Barchart	Time graph Discrete data Continuous data Line graph Comparison Sum Difference Interpret calculate	Time table Two-way table	Pie chart mean