

## **HCFS Vocabulary Progression Map**

	Year 1		Year 2		Year 3		Year 4		Year 5		Year 6	
Number and Place Value	Counting Ones Tens one more One less, Equal to More than	Less than Fewer Most Least Ordering Odd Even Numbers 1-20 in words	Counting Forwards Backwards Place value Ones Tens Hundreds Estimate	Number line Compare Order More than Less than Equal to Zero Numbers 1-100 in words	Counting Multiples Place value Zero Ones Tens Hundreds Compare Order	More than Less than Three-digit number Numbers 1 - 1000 in words	Counting Multiples Place value Zero Ones Tens Hundreds Thousands Compare Negative numbers Order More than Less than	Gattegno chart Rounding numbers Represent numbers Four-digit number Estimate Roman Numerals Decimal numbers	Counting Multiples Place value Zero Ones Tens Hundreds Thousands Tens of thousands Hundreds of thousands Millions Powers of ten	Order More than Less than Gattegno chart Rounding numbers Estimate Roman Numerals Decimal numbers Number sequences Compare	Counting Multiples Place value Zero Ones Tens Hundreds Thousands Tens of thousands Hundreds of thousands Millions Powers of ten Compare	Gattegno chart Rounding numbers Estimate Roman Numerals Decimal numbers Number sequences Accuracy More than Less than Order
Number – Addition and Subtraction	Addition Put together Add Altogether Total Subtraction Take away Distance between Difference between	Equals More than Less than Number bonds Zero Counting forwards Counting backwards	Addition Put together Add Altogether Total Sum Subtraction Take away Distance between Difference between	Difference Equals More than Less than Number bonds Zero Counting forwards Counting backwards	Addition Put together Add Altogether Sum Subtraction Take away Find the Difference Equal to More than Less than Number bonds	Zero Counting forwards Counting backwards Column addition Column subtraction Inverse operations Mental operations	Addition Put together Add Altogether Sum Subtraction Take away Find the Difference Equal to More than Less than	Number bonds Zero Column addition Column subtraction Inverse operations Mental operations Two-step problems	Addition Put together Add Altogether Sum Subtraction Take away Find the Difference Equal to More than Less than Number bonds	Zero Column addition Column subtraction Inverse operations Mental operations Rounding Accuracy Multi-step problems	Addition Put together Add Altogether Sum Subtraction Take away Find the Difference Equal to More than Less than Zero	Column addition Column subtraction Inverse operations Mental operations Rounding Accuracy Multi-step problems Four operations

Number – Multiplication and Division	Grouping Sharing Multiplying Dividing Doubling Arrays Number patterns	Countin twos Countin fives Countin tens	Multiplying Dividing Odd numbers Even numbers Arrays Repeated addition	Mental methods Multiplication tables Inverse operations	Multiplying Dividing Odd numbers Even numbers Repeated addition Mental method	Multiplication tables Inverse operations Integers Short division Short multiplication	Multiplying Dividing Odd numbers Even numbers Repeated addition Mental method	Multiplication tables Inverse operations Factor pairs Integers Short division Short multiplication	Multiples Factors Factor pairs Common factors Prime numbers Prime factors Composite (nonprime) numbers Multiplying Dividing	Odd numbers Even numbers Repeated addition Mental method Multiplication tables Inverse operations Integers Remainders	Multiples Factors Factor pairs Common factors Prime numbers Prime factors Composite (nonprime) numbers Multiplying Dividing Odd numbers Even numbers	Repeated addition Mental method Multiplication tables Inverse operations Integers Long multiplication Long division Remainders Common multiples Brackets
Number - Fractions	A half Equal parts	A quarter A whole	A half A quarter A whole Equal parts	A third Two quarters Three quarters Equivalence	Tenths Equal parts Fractions Unit fractions Non-unit fractions Denominator Numerator A half	A quarter A whole Equal parts A third Two quarters Three quarters Equivalence	Tenths Hundredths Equal parts Fractions Unit fractions Non-unit fractions Denominator	Numerator Equivalence Equivalent fractions Decimal number Decimal point	Tenths Hundredths Thousandths Equal parts Fractions Unit fractions Non-unit fractions Mixed number fractions Improper fractions	Proper fractions Denominator Numerator Equivalence Equivalent fractions Decimal number Decimal point Percent	Tenths Hundredths Thousandths Equal parts Fractions Unit fractions Non-unit fractions Mixed number fractions Improper fractions	Proper fractions Denominator Numerator Equivalence Equivalent fractions Decimal number Decimal point Percent

	Length	Hours	Estimate	Pounds	Estimate	Pounds	Estimate	Measuring	Estimate	Thermometer	Estimate	Thermomet
	Height	Minutes	Length	Pence	Measure	Pence	Measure	vessels	Measure	Measuring	Measure	ers
	Compare	Seconds	Height	Coins	Length	Coins	Length	Converting	Metric	vessels	Metric	Converting
	Long	Coins	Meters	Money	Height	Money	Height	measurement	measurement	Converting	measureme	measureme
	Short	Notes	Centimetres	Change	Meters	Change	Meters	Perimeter	Imperial	Measureme	nts	nts
	Longer	Money	Mass	Sequence	Centimetres	Analogue	Centimetres	Rectilinear	units	nts	Imperial	Perimeter
	Shorter	Before	Kilograms	Time	Millimetres	clock	Millimetres	figure	Inches	Perimeter	units	Rectilinear
	Tall	After	Grams	Clock	Mass	Roman	Mass	Area	Pounds	Rectilinear	Inches	figure
	Double	Next	Temperature	Five minutes	Kilograms	Numerals	Kilograms	Pounds	Pints	figure	Pounds	Irregular
	Half	First	Capacity	Minutes	Grams	Seconds	Grams	Pence	Length	Irregular	Pints	s ha pes
	Mass	Today	Litres	Quarter past	Temperature	Minutes	Temperature	Analogue	Height	s ha pes	Miles	Area
Ħ	Weight	Yesterday	Millilitres	Quarter to	Capacity	Hours	Capacity	clocks	Meters	Area	Length	Pounds
μe	Heavy	Tomorrow	Rulers	Half past	Litres	Oʻclock	Litres	Digital docks	Centimetres	Pounds	Height	Pence
ē	Light	Morning	Scales	O'clock	Millilitres	A.M	Millilitres	Hours	Millimetres	Pence	Meters	Analogue
ns	Heavier than	Afternoon	Thermometer	Hour	Rulers	P.M	Rulers	Minutes	Mass	Analogue	Centimetres	clocks
Measurement	Lighterthan	Evening	Measuring	Day	Scales	Morning	Scales	Seconds	Kilograms	clocks	Millimetres	Digital docks
2	Capacity	Ruler	vessels		Thermometer	Afternoon	Thermometer	Years	Grams	Digital docks	Mass	Hours
	Volume	Weighing	Compare		Measuring	Noon		Months	Temperature	Hours	Kilograms	Minutes
	Full	scales	Order		vessels	Midnight		Weeks	Capacity	Minutes	Grams	Seconds
	Empty	Days of the	Volume		Compare	Leap year		Days	Litres Millilitres	Seconds	Temperature	Years
	Halffull	week			Order	Each month				Years	Capacity	Months
	Quarter full	Months of			Volume	of the			Rulers	Months	Litres	Weeks
	Time	the year				year			Scales	Weeks	Millilitres	Days
	Quicker	Hour								Days	Rulers	Scaling
	Slower	O'clock								Scaling	Scales	Formula
	Earlier	Half past										Parallelogram
	Later	Clock										

Geometry – Properties of a shape	2D shapes Rectangle Square Circle Triangle	3D shapes Cubes Cuboids Pyramids Spheres	2D shapes Properties of shapes Sides Line of symmetry Vertical line 3D shape Edges Vertices Vertex	Faces Rectangle Square Circle Triangle Cube Cuboid Pyramid Sphere	2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicul arline Parallel lines 3D shape Edges Vertices Vertex Faces	Rectangle Square Circle Triangle Cube Cuboid Pyramid Sphere Angle Rightangle Acute angle Obtuse angle Polygon	2D shapes Properties   of   shapes   Sides   Line of   symmetry Vertical line Horizontal   line Perpendicul   arline Parallel lines   3D shape   Edges   Vertices   Vertex   Faces   Rectangle   Square   Circle   Triangle   Isosceles   triangle	Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Protractor Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon	2D shapes Properties   of   shapes   Sides   Line of   symmetry Vertical line Horizontal   line Perpendicul   arline Parallel lines   3D shape   Edges   Vertices   Vertex   Faces   Rectangle   Square   Circle   Triangle   Isosceles   triangle   Equilateral   triangle	Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Reflex angle Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon Diagonal	2D shapes Dimension Properties     of     shapes     Sides Line of symmetry Vertical line Horizontal     line Perpendicul     arline Parallel lines 3D shape     Net     Edges Vertices Vertex     Faces Rectangle Square Circle Radius Diameter Circumference Triangle	Is osceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Reflex angle Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon liregular polygon Diagonal
Geometry – Position and Direction	Position Direction Movement Whole turn Half turn Quarter tum Left/Right Top Middle Bottom On top of In front of	Above Between Around Near Close Far Up Down Forwards Backwards Inside Outside	Patterns Sequences Straight line Rotation Turn Right angles Position	Direction Movement Whole turn Half turn Quarter tum Left Right	Coordinates Quadrant Left Right	Up Down Axes	Coordinates Quadrant Left Right	Up Down Axes	Coordinates Quadrant Left Right Up	Down Axes Reflection Translation	Coordinates Coordinate plane Quadrant Left Right Up	Down Axes Reflection Translation Opposite
Statistics			Pictogram Tally chart Block diagram Table		Pictogram Tally chart Block diagram Table		Pictogram Tally chart Bar chart Table Time graph Scale		Pictogram Tally chart Bar chart Table Time graph Scale Time tables		Pie chart Line graph Average Mean variables Data	

Ratio and Proportion		Ratio Recipe Pie chart Scale drawing Scale factor
Algebra		Formulae Algebra Unknown values Variable Equi valent expression