



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	Numberline 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 More than Less than Order
	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 subtraction 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	Count in twos Count in fives Count in 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
	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 Percentage	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 Percentage

[illegible]

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 ar line Parallel lines 3D shape Edges Vertices Vertex Faces	Rectangle Square Circle Triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Polygon	2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicul ar line 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 ar line 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 ar line Parallel lines 3D shape Net Edges Vertices Vertex Faces Rectangle Square Circle Radius Diameter Circumference 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
	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
Statistics			Pictogram Tallychart Block diagram Table		Pictogram Tallychart Block diagram Table		Pictogram Tallychart Bar chart Table Time graph Scale		Pictogram Tallychart Bar chart Table Time graph Scale Timetables		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 Equivalent expression