Year 5 Breakdown of Objectives from CSPA Curriculum Map

Year 5 Autumn	
Topic	**Objectives**
Number: Place Value	**Recap** 1000s, 100s, 10s, 1s Numbers to 10,000 Rounding to the nearest 10, 100 and 1000, 10000, 100,000 and 1,000,000 Compare and order numbers to 1,000,000 Counting in 10s, 100s, 1000s, 10,000s, 100,000s **NB: recaps to only be used when necessary.**
Number: Place Value	Negative numbers Roman numerals
Number: Addition and Subtraction	Add two 4-digit numbers (one exchange) Add two 4-digit numbers (more than one exchange) Add whole numbers with more than 4-digits Subtract two 4-digit numbers (one exchange) Subtract two 4-digit numbers (more than one exchange) Subtract whole numbers with more than 4-digits
Number: Addition and Subtraction	Inverse operations Multi-step addition and subtraction problems
Number: Multiplication and Division	Multiples of 10, 100 and 1000 Multiply by 10, 100 and 1000 Divide by 10, 100 and 1000
Number: Multiplication and Division	Factors Prime numbers Square numbers

	Cube numbers
Statistics	Introduce line graphs Read and interpret line graphs Draw line graphs
Statistics	Read and interpret tables, including two-way tables and timetables
Number: Fractions	**Recap** What is a fraction? Equivalent fractions Mixed number fractions Improper fractions
Number: Fractions	Number sequences Ordering and comparing fractions less than and greater than 1
Measurement: Perimeter and Area	Measure perimeter Perimeter on a grid Perimeter of rectangles Perimeter of rectilinear shapes Calculating perimeter
Measurement: Perimeter and Area	Counting squares Area of rectangles Area of compound shapes Area of irregular shapes
Assessment, Review and Consolidation	

Year 5 Spring

Topic	Objectives
Number: Multiplication and division	Multiply 2 digits by 1 digit Multiply 3 digits by 1 digit Multiply 4 digits by 1 digit **Activity** - area model activity Divide 2 digits by 1 digit (short division method) Divide 3 digits by 1 digit
Number: Multiplication and division	Multiply 2 digits by 2 digits (grid method) Multiply 3 digits by 2 digits Multiply 4 digits by 2 digits As above - long multiplication method
Number: Multiplication and division	Divide 4 digits by 1 digit Division with remainders
Number:Fractions	**Recap:** comparing and ordering fractions
Number: Fractions	Add fractions Add mixed number fractions
Number: Fractions	Subtract fractions Subtract mixed number fractions
Measurement: Volume and capacity	What is volume? Compare volume Estimate volume Estimate capacity
Measurement: Metric units	Kilometres Kilograms Millimetres Millilitres **Activity:** metric units

Number:Fractions	Multiply fractions Multiply unit fractions by an integer Multiply non-unit fractions by an integer Multiply mixed numbers by an integer
Number: Fractions	Calculate fractions of a quantity Fractions of an amount Using fractions as operators Fraction problem solving
Number: Decimals and Fractions	Decimals up to 2 d.p Decimals as fractions Understanding thousandths Thousandths as decimals Rounding decimals Ordering and comparing decimals
Number: Percentages	Understanding percentages Percentages as fractions and decimals Equivalent fractions, decimals and percentages
Assessment, Review and Consolidation	

Year 5 Summer

Topic	Objectives
Number: written methods	**Recap:** written methods for addition, subtraction, multiplication and division
Number: decimals	Adding decimals within 1 Subtracting decimals within 1 Adding decimals crossing the whole Adding numbers with the same/different number of decimal places Subtracting numbers with the same/different number of decimal places Adding and subtracting decimals problem solving
Number: decimals	Decimal sequences Multiplying decimals by 10, 100 and 1000 Dividing decimals by 10, 100 and 1000
Geometry: Properties of Shape	Identify angles Compare and order angles Measuring angles in degrees Using a protractor Drawing lines and angles accurately
Geometry: Properties of Shape	Calculating angles on a straight line Calculating angles around a point
Geometry: Properties of Shape	Quadrilaterals Calculating lengths and angles in shapes Regular and irregular polygons Reasoning about 3d shapes
Geometry: Position and Direction	Coordinates Describe position Draw on a grid using coordinates Position in the first quadrant Translation Translation with coordinates
Geometry: Position and Direction	Lines of symmetry Complete a symmetric figure Reflection Reflection with coordinates
Number:Fractions	**Recap:** adding, subtracting and multiplying fractions

Measurement: Units of time Imperial units	Imperial units Converting units of time Timetables
Problem solving and investigations	
Assessment, Review and Consolidation	