



## Year 6 Breakdown of Objectives from CSPA Curriculum Map

<b>Year 6 Autumn</b>	
<b>Topic</b>	<b>Objectives</b>
Number: Place Value (revision)	Numbers to 10,000 Numbers to 100,000 Numbers to million Numbers to 10 million Rounding numbers to 10, 100, 1000
Number: Revision	Compare and order numbers Negative numbers
Number: Written methods (addition and subtraction)	Adding whole numbers with more than 4 digits Subtract whole numbers with more than 4 digits Inverse operations Multi-step addition and subtraction problems
Number: Written methods (multiplication and division)	Multiply 4 digits by 1 digit Multiply 2 digits by 2 digits Multiply 3 digits by 2 digits Divide 4 digits by 1 digit Divide with remainders Division using factors Short division Long division

Number: Decimals	Decimals up to 2 d.p Understanding thousandths Three decimal places Multiply and divide by 10, 100 and 1000 Multiply and divide decimals by integers
Number: Decimals and fractions	Decimals as fractions Fractions to decimals
Number: Fractions	Add and subtract fractions Add and subtract mixed numbers
Number: Fractions	Multiply and fractions by integers Four rules with fractions
Number: Fractions, decimals and percentages	Equivalent fractions Simplifying fractions Improper and mixed number fractions Comparing and ordering fractions Fractions of amounts
Number: Percentages	Understanding percentages Fractions to percentages Percentage of amounts
Geometry: Coordinates	Coordinates in the first quadrant Coordinates in all four quadrants
Geometry: Translations and Reflections	Translations Reflections
Measurement: Area and Perimeter	Revision: area and perimeter Same area shapes Area of a triangle Area of a parallelogram
Measurement: Area and Perimeter	

# Year 6 Spring

Topic	Objectives
Number: Revision (number topics and written methods)	Factors Common multiples Prime numbers Square numbers Cube numbers Order of operations
Measurement and Geometry: Revision	
Assessment, Review and Consolidation	
Geometry: Measuring and drawing angles	Measure with a protractor Draw lines and angles accurately
Geometry: calculating angles	Angles on a straight line Angles around a point Calculating angles - vertically opposite angles Angles in a triangle Angles in regular polygons
Geometry: 2d shapes and 3d nets	Draw shapes accurately Draw nets of 3d shapes
Measurement: Converting units of measure	Metric measures Convert metric measures Miles and kilometres Other imperial units
Measurement: Volume	Volume - counting cubes Volume of a cuboid
Number: Ratio and fractions, scale factors	Using ratio language Ratio and fractions Calculating ratio Using scale factors Calculating scale factors Ratio and proportion problem solving

Number: Algebra	Find a rule - one step/two step Forming expressions Formulae Forming equations (one-step/two-step) Pairs of values
Statistics	Read and interpret line graphs Draw line graphs Using line graphs to solve problems Circles Read and interpret pie charts Pie charts and percentages Drawing pie charts
Statistics	Data handling The Mean
Assessment, Review and Consolidation	

# Year 6 Summer

Topic	Objectives
Assessment, Review and Consolidation	
Assessment, Review and Consolidation	
Assessment, Review and Consolidation	
Using and Applying: Projects and Investigations	Tessellation project Maths mystery project Maths mystery project
Using and Applying: Projects and Investigations	WR 'Tours' trip project WR 'Futures' project
Using and Applying: Projects and Investigations	
Using and Applying: Projects and Investigations	
Using and Applying: Projects and Investigations	
Using and Applying: Projects and Investigations	
Using and Applying: Projects and Investigations	

Using and Applying: Projects and Investigations	
Assessment, Review and Consolidation	