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Shape

Statistics

Area, Perimeter & Volume

Decimals

Algebra

6

Place Value

Four Operations

Fractions

Ratio

Converting Units

Position and Direction

Shape

Statistics

Perimeter and Area

5

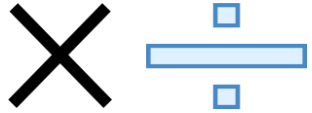
Place Value

Addition and Subtraction

Multiplication & Division

Fractions, Decimals and Percentages

Year 5

Scheme of Learning	Place Value Ⅰ Ⅱ Ⅲ Ⅳ Ⅴ Ⅵ Ⅶ Ⅷ Ⅸ Ⅹ Ⅺ Ⅻ	Addition & Subtraction 	Multiplication & Division 
Knowledge	• Read and write Roman Numerals • Read and Write Numbers up to 1,000,000 • Round to the nearest 10, 100 and 1,000 • Compare and order numbers up to 1,000,000	• Add numbers with up to 4 digits, including using mental strategies • Subtract numbers with up to 4 digits, including using mental strategies • Using inverse operations with addition and subtraction	• Identify factors, multiples and prime numbers • Find common factors and multiples • Find square and cube numbers • Multiply and divide by 10, 100 and 1000 • Multiply and divide up to 4-digit numbers
Sequencing Statements/ Cross Curricular Learning	Year 6 – Place Value Year 7 – Place Value	Year 6 – Four Operations Year 7 – Addition and Subtraction	Year 6 – Four Operations Year 7 – Multiplication and Division
Enrichment Opportunities and British Values			

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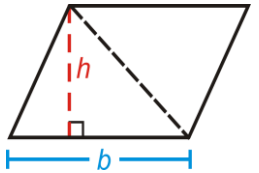
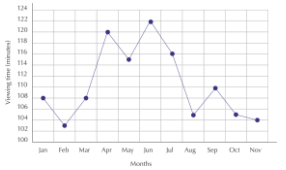
Year 5

Scheme of Learning	Fractions, Decimals & Percentages 	Perimeter and Area 	Statistics 
Knowledge	• Recognise equivalent fractions • Add and subtract fractions, including mixed numbers • Multiply fractions • Calculate a fraction of an amount • Write decimals as fractions • Order and compare decimals • Find equivalent fractions decimals and percentages	• Find perimeter of rectangles and rectilinear shapes • Find area of rectangles and compound shapes	• Read, interpret and draw line graphs • Read and interpret tables • Use two way tables to represent data • Read and interpret timetables
Sequencing Statements/ Cross Curricular Learning	Year 6 – Fractions, Decimals and Fractions, Decimals & Percentages Year 7 – Add & Subtract Fractions Year 8 – Fractions & Percentages	Year 6 – Area, Perimeter & Volume Year 7 – Addition & Subtraction, Multiplication & Division	Year 6 – Statistics Year 8 – Representing Data
Enrichment Opportunities and British Values			

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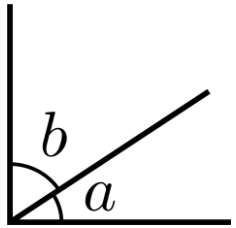
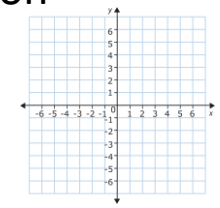
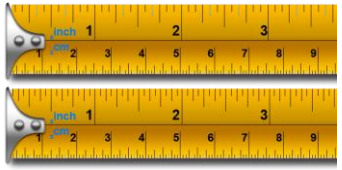
Year 5

Scheme of Learning	Shape 	Position & Direction 	Converting Units 
Knowledge	• Compare and order angles • Draw and measure angles using a protractor • Calculating angles on a straight line and around a point • Calculating lengths and angles in shapes • Regular and irregular polygons	• Coordinates in the first quadrant • Translating shapes with coordinates • Find reflections using coordinates	• Using metric measures in length and volume • Convert between metric units of length • Use approximate conversions to change between metric and imperial units • Convert between units of time • Use timetables to solve problems
Sequencing Statements/ Cross Curricular Learning	Year 6 – Shape Year 7 – Constructing and Measuring Year 8 – Angles in Parallel Lines & Polygons	Year 6 – Position & Direction Year 8 – Working in the Cartesian Plane	Year 6 – Converting units Year 8 – Multiplicative change
Enrichment Opportunities and British Values			

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Year 6

Scheme of Learning	Place Value 	Four Operations 	Fractions 
Knowledge	• Read and write numbers up to 10,000,000 • Round any numbers • Negative Numbers	• Add and subtract integers • Multiply up to a 4-digit number by a 2-digit number • Short division • Common factors and multiples • Prime numbers to 100 • Squares and cubes • Order of operations (BIDMAS)	• Compare and order fractions • Add and subtract fractions, including mixed numbers • Multiply and divide fractions • Find fractions of an amount
Sequencing Statements/ Cross Curricular Learning	Year 5 - Place Value Year 7 – Place Value	Year 5 – Addition & Subtraction, Multiplication & Division Year 7 – Multiplication & Division, Addition & Subtraction	Year 5 - Fractions Year 7 – Fraction & percentage of amounts Year 8 – Multiply and divide fractions
Enrichment Opportunities and British Values			

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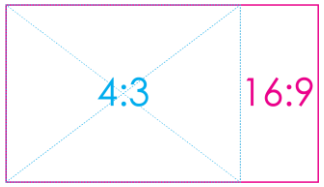
Year 6

Scheme of Learning	Ratio 	Algebra $E=mc^2$	Decimals 
Knowledge	• Use ratio and fractions • Calculating ratio • Using and calculating scale factors • Solve ratio and proportion problems	• Find a rule for one and two-step problems • Form expressions and equations • Substitute into formulae • Solve one and two-step equations • Find pairs of values that satisfy an expression	• Read and write numbers with up to 3 decimal places • Multiply and divide by 10, 100 and 1000 • Multiply and divide decimals by integers • Convert between fractions and decimals
Sequencing Statements/ Cross Curricular Learning	Year 8 – Ratio & Scale	Year 7 – Equality & Equivalence Year 8 – Brackets, Equations & Inequalities	Year 7 – Multiplication & Division
Enrichment Opportunities and British Values			

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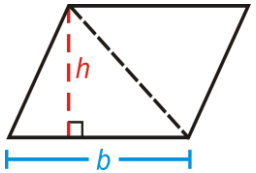
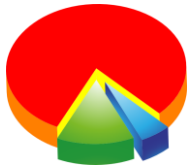
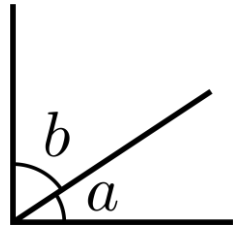
Year 6

	Area, Perimeter & Volume	Statistics	Shape
Scheme of Learning			
Knowledge	• Area of a triangle • Area of a parallelogram • Volume of a cuboid	• Read, interpret and draw line graphs • Read and interpret pie charts • Draw pie charts • Find the mean of a data set	• Draw lines and angles accurately • Calculate angles • Find missing angles in triangles • Find missing angles in quadrilaterals • Draw shapes accurately • Draw nets of 3D shapes
Sequencing Statements/ Cross Curricular Learning	Year 5 – Shape Year 7 – Multiplication & Division	Year 5 – Statistics Year 8 – Representing Data	Year 6 – Shape Year 7 – Constructing and Measuring Year 8 – Angles in Parallel Lines & Polygons
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MUTUAL RESPECT

INDIVIDUAL LIBERTY

DEMOCRACY

THE RULE OF LAW

TOLERANCE

OF THOSE WITH DIFFERENT FAITHS AND BELIEFS