

AUTUMN TERM

PLACE VALUE	ADDITION AND SUBTRACTION	MULTIPLICATION AND DIVISION A	FRACTIONS A
Roman numerals to 1,000	Mental strategies	Multiples	Find fractions equivalent to a unit fraction
Numbers to 10,000	Add whole numbers with more than four digits	Common multiples	Find fractions equivalent to a non-unit fraction
Numbers to 100,000	Subtract whole numbers with more than four digits	Factors	Recognise equivalent fractions
Numbers to 1,000,000	Round to check answers	Common factors	Convert improper fractions to mixed numbers
Read and write numbers to 1,000,000	Inverse operations (addition and subtraction)	Prime numbers	Convert mixed numbers to improper fractions
Powers of 10	Multi-step addition and subtraction problems	Square numbers	Compare fractions less than 1
10/100/1,000/10,000 100,000 more or less	Compare calculations	Cube numbers	Order fractions less than 1
Partition numbers to 1,000,000	Find missing numbers	Multiply by 10, 100 and 1,000	Compare and order fractions greater than 1
Number line to 1,000,000		Divide by 10, 100 and 1,000	Add and subtract fractions with the same denominator
Compare and order numbers to 100,000		Multiples of 10, 100 and 1,000	Add fractions within 1
Compare and order numbers to 1,000,000			Add fractions with total greater than 1
Round to the nearest 10, 100 or 1,000			Add to a mixed number
Round within 100,000			Add two mixed numbers
Round within 1,000,000			Subtract fractions
			Subtract from a mixed number
			Subtract from a mixed number - breaking the whole
			Subtract two mixed numbers

SPRING TERM

MULTIPLICATION AND DIVISION B	FRACTIONS B	DECIMALS AND PERCENTAGES	PERIMETER AND AREA	STATISTICS
<p>Multiply up to a 4-digit number by a 1-digit number</p> <p>Multiply a 2-digit number by a 2-digit number (area model)</p> <p>Multiply a 2-digit number by a 2-digit number</p> <p>Multiply a 3-digit number by a 2-digit number</p> <p>Multiply a 4-digit number by a 2-digit number</p> <p>Solve problems with multiplication Short division</p> <p>Divide a 4-digit number by a 1-digit number</p> <p>Divide with remainders</p> <p>Efficient division</p> <p>Solve problems with multiplication and division</p>	<p>Multiply a unit fraction by an integer</p> <p>Multiply a non-unit fraction by an integer</p> <p>Multiply a mixed number by an integer</p> <p>Calculate a fraction of a quantity</p> <p>Fraction of an amount</p> <p>Find the whole</p> <p>Use fractions as operators</p>	<p>Decimals up to 2 decimal place</p> <p>Equivalent fractions and decimals (tenths)</p> <p>Equivalent fractions and decimals (hundredths)</p> <p>Equivalent fractions and decimals</p> <p>Thousandths as fractions</p> <p>Thousandths as decimals</p> <p>Thousandths on a place value chart</p> <p>Order and compare decimals (same number of decimal places)</p> <p>Order and compare any decimals with up to 3 decimal places</p> <p>Round to the nearest whole number</p> <p>Round to 1 decimal place</p> <p>Understand percentages</p> <p>Percentages as fractions</p> <p>Percentages as decimals</p> <p>Equivalent fractions, decimals and percentages</p>	<p>Perimeter of rectangles</p> <p>Perimeter of rectilinear shapes</p> <p>Perimeter of polygons</p> <p>Area of rectangles</p> <p>Area of compound shapes</p> <p>Estimate area</p>	<p>Draw line graphs</p> <p>Read and interpret line graphs</p> <p>Read and interpret tables</p> <p>Two-way tables</p> <p>Read and interpret timetables</p>

SUMMER TERM

DECIMALS	SHAPE	POSITION AND DIRECTION	NEGATIVE NUMBERS	CONVERTING UNITS	MEASURES
Use known facts to add and subtract decimals within 1	Understand and use degrees	Read and plot coordinates	Understand negative numbers	Kilograms and kilometres	Cubic centimetres
Complements to 1	Classify angles	Problem solving with coordinates	Count through zero in 1s	Millimetres and millilitres	Compare volume
Add and subtract decimals across 1	Estimate angles	Translation	Count through zero in multiples	Convert units of length	Estimate volume
Add decimals with the same number of decimal places	Measure angles up to 180°	Translation with coordinates	Compare and order negative numbers	Convert between metric and imperial units	Estimate capacity
Subtract decimals with the same number of decimal places	Draw lines and angles accurately	Lines of symmetry	Find the difference	Convert units of time	
Add decimals with different numbers of decimal places	Calculate angles around a point	Reflection in horizontal and vertical lines		Calculate with timetables	
Subtract decimals with different numbers of decimal places	Calculate angles on a straight line				
Efficient strategies for adding and subtracting decimals	Lengths and angles in shapes				
Decimal sequences	Regular and irregular polygons				
Multiply by 10, 100 and 1,000	3-D shapes				
Divide by 10, 100 and 1,000					
Multiply and divide decimals - missing values					