

Autumn 1

Understand place value in 5 digit numbers and decimal fractions

Order and compare 5 digit numbers

Addition and subtraction

Compare and order decimal fractions

Identify, visualise and describe 2D and 3D shapes

Classify quadrilaterals

Sort shapes using Venn and Carroll diagrams

Calculate change from money amounts

Find factors of 2 digit numbers

Calculate fractions of shapes and quantities

Find equivalent fractions

Simplify fractions

Use grid multiplication to multiply

Use expanded multiplication to multiply

Autumn 2

Convert between measures

Read timetables using the 24 hour clock

Calculate time intervals

Use rules of divisibility

Find prime numbers less than 50

Use the chunking method to divide

Multiplication and division

Calculate the difference between whole numbers and decimal fractions

Write improper fractions as mixed numbers and vice versa

Compare and order fractions

Add and subtract fractions

Find fractions of amounts

Spring 1

Know what each digit in a 6 digit number represents

Compare numbers up to 1 million and use $<$ & $>$

Calculate rise and falls in temperatures

Addition and subtraction (including money)

Identify, visualise and describe 2D shapes

Work out new coordinates after translation

Reflect a shape and write new coordinates

Construct a line graph (including a conversion graph)

Multiply and divide by powers of 10

Round decimals to the nearest whole

Multiplication and division

Find lowest common multiples

Compare fractions of shapes and money

Calculate fractions of amounts

Know decimal equivalents for some fractions

Spring 2

Calculate the perimeter of shapes

Calculate the area of shapes

Use the chunking method to divide

Multiply fractions by whole numbers

Understand place value in 6 digit numbers

Order and compare 6 digit numbers

Round 6 digit numbers

Multiply and divide numbers by powers of 10

Addition and subtraction

Multiplication and division

Summer 1

Summer 2

<p>Addition and subtraction</p> <p>Multiplication and division</p> <p>Read Roman numerals to 1000</p> <p>Revise the value of each digit in 2-place decimals</p> <p>Mentally multiplication and division by 10, 100 and 1000</p> <p>Measure and draw angles using a protractor</p> <p>Recognise different types of angles</p> <p>X and \div word problems</p> <p>Understand percentages as parts of 100.</p> <p>Calculate percentages</p> <p>Compare and order fractions</p> <p>Convert improper and mixed number fractions</p> <p>Find common multiples and fractions</p> <p>Recognise and use square numbers and cube numbers</p> <p>Add and subtract mixed numbers</p>	<p>Read timetables using the 24 hour clock</p> <p>Calculate time intervals</p> <p>Addition and subtraction</p> <p>Multiplication and division</p> <p>Understand place value in decimals with 3 places</p> <p>Compare and order decimal fractions</p> <p>Convert between measures</p> <p>Use written multiplication</p> <p>Multiply fractions by whole numbers</p> <p>Multiply mixed numbers by whole numbers</p> <p>Use short division to divide</p> <p>Solve word problems</p>
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Year 5 Yearly Overview – maths