

Autumn Term 2021 Maths Planning

Practice maths (mental/oral skills).

Times-table practise - at school and home-learning.

Maths buddies once a week with younger buddies.

Year 5

Number: Place Value

Recap 100s, 100s, 10s and 1s

Numbers to 10,000

Rounding to 10, 100 and 1,000

Compare and order numbers to 100,000

Round numbers within 100,000

Numbers to a million

Counting in 10s, 100s, 1,000s, 10,000s and 100,000s

Compare and order numbers to one million

Round numbers to one million

Negative numbers

Roman numerals

Number: Addition and Subtraction

Recap Add two 4-digit numbers - one exchange

Recap Add two 4-digit numbers - more than one exchange

Add whole numbers with more than 4 digits (column method)

Recap Add two 4-digit numbers - one exchange

Recap Add two 4-digit numbers - more than one exchange

Subtract whole numbers with more than 4 digits (column method)

Round to estimate and approximate

Inverse operations (addition and subtraction)

Multi-step addition and subtraction problems

Statistics

Recap Interpret charts

Recap Comparison, sum and difference

Read and interpret line graphs

Draw line graphs

Use line graphs to solve problems

Read and interpret tables

Two-way tables

Timetables

Number: Multiplication & Division

Multiples

Factors

Common factors

Prime numbers, square numbers, cube numbers

Multiply by 10, 100 and 1,000

Divide by 10, 100 and 1,000

Multiples of 10, 100 and 1,000

Measurement: Perimeter & Area

Perimeter on a grid

Perimeter of rectangles

Perimeter of rectilinear shapes

Calculate perimeter

Counting squares

Area of rectangles

Area of compound shapes

Area of irregular shapes

Practice maths (mental/oral skills).

Times-table practise - at school and home-learning.

Maths buddies once a week with younger buddies.

Year 6	
<u>Number: Place Value</u>	Primes to 100
Recap numbers to 10,000	Squares and cubes
Recap numbers to 100,000	Orders of operations
Numbers to one million	Mental calculations and estimation
Numbers to ten million	Reason from known facts
Compare and order any numbers	<u>Number: Fractions</u>
Recap Round numbers to 10, 100 and 1,000	Recap Equivalent fractions
Round any number	Simplify fractions
Negative numbers	Recap Improper fractions to mixed numbers
<u>Number: Addition, Subtraction, Multiplication and Division</u>	Recap Mixed numbers to improper fractions
Recap Add whole numbers with more than 4 digits (column method)	Fractions on a number line
Recap Subtract whole numbers with more than 4 digits (column method)	Compare and order (denominator)
Recap Inverse operations (addition and subtraction)	Compare and order (numerator)
Recap Multi-step addition and subtraction problems	Add and subtract fractions (1)
Add and subtract integers	Recap Add mixed numbers
Recap Multiply 4-digits by 1-digit	Add fractions
Recap Multiply 2-digits (area model)	Subtract fractions
Recap Multiply 2-digits by 2-digits	Mixed addition and subtraction
Recap Multiply 3-digits by 2-digits	Multiply fractions by integers
Multiply up to a 4-digit number by a 2-digit number	Multiply fractions by fractions
Recap Divide 4-digits by 1-digit	Divide fractions by integers
Recap Divide with remainders	Four rules with fractions
Short division	Fraction of an amount
Division using factors	Fraction of an amount ~ find the whole
Long division 1, 2, 3, 4	<u>Geometry: Position & Direction</u>
Recap factors Common factors Common multiples	The first quadrant
	Four quadrants
	Translations

Autumn Term 2021

English Planning: Years 5 and 6

Weekly spelling focus.

Weekly grammar and punctuation focus.

Weekly reading groups.

Reading buddies once a week with younger buddies.

Reading comprehension.

'Quick writes'.

Class read: Wind in the Willows by Kenneth Grahame.

Flotsam by David Wiesner - short unit of work based on this fabulous picture book to hone our powers of observation and descriptive writing.

Wind in the Willows - a longer unit of work with lots of opportunities for drama, play scripts, character studies and creative writing.

Non-fiction information writing linked to science and computing (habitats).

Persuasive writing linked to philosophy and Global Goals (climate change).