Year 5

Maths Curriculum Map

2025/26

Autumn 1							
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**	**Week 8**
	Place Value Roman numerals to 1,000 Numbers to 10,000 Numbers to 100,000 Numbers to 1,000,000	Read and write numbers to 1,000,000 Powers of 10 10/100/1,000/10,000/100,000 more or less Partition numbers to 1,000,000	Number line to 1,000,000 Compare and order numbers to 100,000 Compare and order numbers to 1,000,000 Round to the nearest 10, 100 or 1,000	Round within 100,000 Round within 1,000,000	**Addition & Subtraction** Mental strategies Add whole numbers with more than four digits Subtract whole numbers with more than four digits Round to check answers	Compare calculations Find missing numbers Inverse operations (addition and subtraction) Multi-step addition and subtraction problems	**Multiplication & Division A** Multiples Common multiples Factors

Key Vocab

hundred thousands, ten thousands, thousands digit placeholder column partition estimate ascending, descending Roman numerals round

Sentence stems

Composition and partitioning:
There are ___ thousands and ___ ones. The number is ___.
___ can be partitioned into ___.

Find more or less:
___ more/less than ___ is ___.

Comparing and ordering:
___ is greater than/less than ___.
From ___ to ___ the numbers are ascending/descending.

Rounding:
___ is closer to ___ than ___. ___ rounded to the nearest ___ is ___.

Key Vocab

augend, addend, sum minuend, subtrahend, difference commutative estimate

Sentence stems

Addition and subtraction:
___ ones add/subtract ___ ones is ___. (etc)
I (only) have ___. I need to exchange ___ for ___.

Estimating:
___ rounded to the nearest ___ is ___.
The sum/difference of ___ is approximately ___.

Number sentences:
If the minuend/subtrahend increases/decreases by ___, the difference will increase/decrease by ___.
If the addend/augend increases/decreases by ___, the sum will increase/decrease by ___.

Fluency: scaled multiplication facts

Autumn 2						
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**
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	**Fractions A** Find fractions equivalent to a unit fraction Find fractions equivalent to a non-unit fraction Recognise equivalent fractions Convert improper fractions to mixed numbers	Convert mixed numbers to improper fractions Compare fractions less than 1 Order fractions less than 1 Compare and order fractions greater than 1	Add and subtract fractions with the same denominator Add fractions within 1 Add fractions with total greater than 1 Add to a mixed number	Add two mixed numbers Subtract fractions Subtract from a mixed number Subtract from a mixed number - breaking the whole	Subtract two mixed numbers

Key Vocab

common multiple common factor

prime, composite square number

cube number commutative

Sentence stems

Key Vocab

numerator, denominator vinculum equivalent unit fraction non-unit fraction

improper fraction mixed number whole fractional part convert

Sentence stems

Equivalence:

The ___ has been multiplied/divided by ___, so the ___ must be multiplied/divided by ___.
___ and ___ are equivalent. ___ is equivalent to ___.

Converting:

___ (fifths) can be grouped into ___ wholes and ___ (fifths).
The wholes can be divided into ___ (fifths). ___ more (fifths) is ___ (fifths) altogether.

Adding and subtracting:

___ and ___ have the same denominator so we add/subtract ___ and keep ___ the same.
We need to make both denominators ___. Now we add/subtract ___ and keep ___ the same.
___ add/subtract ___ wholes is ___ wholes. ___ (fifths) add/subtract ___ (fifths) is ___ (fifths).

Fluency: doubles and halves of all 2-digit numbers up to 50

Spring 1					
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**
Multiplication & Division B Multiply up to a 4-digit number by a 1-digit number Multiply a 2-digit number by a 2-digit number (area model) Step 3 Multiply a 2-digit number by a 2-digit number	Multiply a 3-digit number by a 2-digit number Multiply a 4-digit number by a 2-digit number Solve problems with multiplication Short division Divide a 4-digit number by a 1-digit number	Divide with remainders Efficient division Solve problems with multiplication and division Multiplication & division B problem-solving	**Fractions B** Multiply a unit fraction by an integer Multiply a non-unit fraction by an integer Multiply a mixed number by an integer	Calculate a fraction of a quantity Fraction of an amount Find the whole Use fractions as operators	**Decimals & Percentages** Decimals up to 2 decimal places Equivalent fractions and decimals (tenths) Equivalent fractions and decimals (hundredths) Equivalent fractions and decimals
Key Vocab multiplicand, multiplier, product dividend, divisor, quotient remainder inverse **Sentence stems** Multiplication: *The multiplicand is ___ and the multiplier is ___.* *___ ones multiplied by ___ is ___ ones. I need to exchange ___ ones for ___ tens. (etc)* *The product of ___ and ___ is ___.* Division: *The dividend is ___ and the divisor is ___.* *There are ___ groups of ___ in ___ hundreds, with a remainder of ___ hundreds. There is left over ___ so I need to exchange it for ___. (etc)* *The quotient is ___. There is a remainder of ___.*			**Key Vocab** numerator, denominator vinculum unit fraction non-unit fraction integer improper fraction mixed number whole fractional part **Sentence stems** Multiplying fractions and wholes: *___ lots of ___ (fifths)/wholes is ___ (fifths)/wholes.* *___ (fifths)/wholes multiplied by ___ is ___ (fifths)/wholes.* Find fractions and wholes: *The whole is ___. ___ is divided into ___ equal parts. ___ of those equal parts is ___.* *(fraction) is ___. One equal part is ___ so the whole of the equal parts is ___.*		
Fluency: factors of numbers to 50					

Spring 2

Week 1	Week 2	Week 3	Week 4	Week 5
Thousandths as fractions Thousandths as decimals Thousandths on a place value chart Order and compare decimals (same number of decimal places)	Order and compare any decimals with up to 3 decimal places Round to the nearest whole number Round to 1 decimal place Understand percentages	Percentages as fractions Percentages as decimals Equivalent fractions, decimals and percentages	**Perimeter & Area** Perimeter of rectangles Perimeter of rectilinear shapes Perimeter of polygons	Area of rectangles Area of compound shapes Estimate area

Key Vocab

tenth, hundredth, thousandth decimal point decimal place equivalent

mixed decimal round whole, integer percentages, percent

Sentence stems

Thousandths:
One whole is divided into ___ equal parts. Each part is worth ___.
There are ___ thousandths in one whole.
As a decimal, ___ thousandth(s) is ___.

Composition:
There are ___ ones, ___ tenths, ___ hundredths and ___ thousandths. The decimal number is ___.

Rounding:
___ is closer to ___ than ___. ___ rounded to the nearest ___ is ___.

Percentages:
The whole is ___ percent. Each hundredth is worth ___ percent.

Key Vocab

perimeter rectilinear regular polygon area

square centimetre (cm^2) compound shape

Sentence stems

Fluency: equivalent fractions, decimals and percentages

Summer 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Statistics Draw line graphs Read and interpret line graphs Read and interpret tables Two-way tables Read and interpret timetables	**Shape** Understand and use degrees Classify angles Estimate angles	Measure angles up to 180 Draw lines and angles accurately Calculate angles around a point Calculate angles on a straight line	Lengths and angles in shapes Regular and irregular polygons 3-D shapes	**Position & Direction** Read and plot coordinates Problem solving with coordinates Translation	Translation with coordinates Lines of symmetry Reflection in horizontal and vertical lines
Key Vocab continuous data axis horizontal vertical scale cell timetable **Sentence stems**	**Key Vocab** degrees (°) acute, obtuse, right angle, reflex, straight angle vertex protractor regular, irregular polygon faces, vertices, edges, curved faces **Sentence stems**			**Key Vocab** coordinates x-axis, y-axis vertex, vertices translate, translation line of symmetry mirror line reflect, reflection horizontal, vertical **Sentence stems**	
Fluency: decimal bonds to 1 and 10					

Summer 2						
Week 1	**Week 2**	**Week 3**	**Week 4**	**Week 5**	**Week 6**	**Week 7**
Decimals Use known facts to add and subtract decimals within 1 Complements to 1 Add and subtract decimals across 1 Add decimals with the same number of decimal places	Subtract decimals with the same number of decimal places Add decimals with different numbers of decimal places Subtract decimals with different numbers of decimal places Efficient strategies for adding and subtracting	Decimal sequences Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiply and divide decimals - missing values	**Negative Numbers** Understand negative numbers Count through zero in 1s Count through zero in multiples Compare and order negative numbers Find the difference	**Converting Units** Kilograms and kilometres Millimetres and millilitres Convert units of length	Convert between metric and imperial units Convert units of time Calculate with timetables	**Volume** Cubic centimetres Compare volume Estimate volume Estimate capacity
Key Vocab tenth, hundredth, thousandth decimal bond whole, integer mixed decimal placeholder sequence term rule **Sentence stems** Decimal bonds: *___ and ___ makes ___. ___ is made of ___ and ___.* *I know ___ and ___ makes ___, so ___ and ___ makes ___.* Adding and subtracting by making a whole: *I can add/subtract ___ first to make a whole and then add/ subtract ___ more.* Adding and subtracting: *___ thousanths add/subtract ___ thousandths is ___. (etc)* *I (only) have ___. I need to exchange ___ for ___.*			**Key Vocab** negative numbers “negative one” (etc) zero sequence, term, rule **Sentence stems**	**Key Vocab** kilo- milli- convert metric, imperial **Sentence stems**		**Key Vocab** volume cubic centimetre (cm^3) millilitre (ml) litre (l) capacity **Sentence stems**

Fluency: metric unit conversions