Creating Futures For All

A Year 2 Mathematician
Autumn Term

Number – Place Value
Read and write numbers to at least 100 in numerals and in words.
Recognise the place value of each digit in a two digit number (tens, ones)
Identify, represent and estimate numbers using different representations including the number line.
Compare and order numbers from 0 up to 100; use and = signs.
Use place value and number facts to solve problems.
Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.

Number – Addition and Subtraction
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.
Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Measurement: Money
Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
Find different combinations of coins that equal the same amounts of money.
Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

Multiplication and Division
Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.
Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.
Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.
Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

Spring Term

Multiplication and Division
Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.
Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs.
Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.
Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

Statistics
Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
Ask and answer questions about totalling and comparing categorical data.

Geometry- properties of shape
Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.
Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.

Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]
Compare and sort common 2-D and 3-D shapes and everyday objects.

Number – fractions
Recognise, find, name and write fractions 1/3 , 1/4 , 2/4 and 3/4 of a length, shape, set of objects or quantity
Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2 .

Summer Term

Position and Direction
Use mathematical vocabulary to describe position, direction and movement including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three -quarter turns (clockwise and anti -clockwise).
Order and arrange combinations of mathematical objects in patterns and sequences
Problem solving and Efficient methods

Measurement: Time
Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
Know the number of minutes in an hour and the number of hours in a day.
Compare and sequence intervals of time.
Measurement: Mass, Capacity and Temperature
Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
Compare and order lengths, mass, volume/capacity and record the results using >, < and =

A Year 2 Writer

I can sound out words and write them down making a good attempt at the spelling
I can spell some words that sound the same but are spelt differently (i.e. homophones)
I can spell many common exception words
I can spell words with contracted form and include the apostrophe, eg. Do not = don't, can not = can't
I can spell longer words that end with 'ment', 'ness', 'ful', 'less', 'ly'
I can use the strokes needed to join letters in some of my handwriting
I know that capital letters are left unjoined
I can use diagonal and horizontal strokes needed to join letters in some of my writing
I can write letters of the correct size and shape and leave spaces between words
I can use an apostrophe to show where letters are missing
I can use pronouns correctly in my writing (my, I, he, she, you)
I can use capital letters and full stops with some use of question marks and exclamation marks
I can use commas in lists
I can use different types of sentences
I can use some expanded noun phrases to describe and specify
I can use present and past tense mostly correctly and consistently
I can use co-ordination (or/and/but) and some subordination (when/if/that/because)

A Year 2 Reader

I can decode automatically and fluently
I can blend sounds in words that contain the letters we have learnt
I can recognise and read alternative sounds for letters
I can read accurately words of two or more syllables that contain the same GPCs
I can read words with common suffixes and keep a record of these in my reading journal.
I can read common exception words and include these in my 0 Tolerance list
I read most words quickly and accurately when I have read them before, without having to sound out
I can read aloud with confidence and fluency to Others
I have recommended at least one book to others with my reasons on the blog
I have created a comparison between fiction and non-fiction texts in my reading journal.
In my group reading session I can talk about and give opinions on a range of books/ texts
I can sequence the order of events in a book
I have demonstrated the purpose of heading, subheading, bold and italic print.
I can prepare my points before my guided reading session on the content and vocabulary and use these to discuss

understanding.

I have retold stores, including fairy stories and tradition tales and filmed it as part of a group

I can read for meaning and check that the text makes sense, I go back and re-read when it when it does not make sense

In my reading journal I demonstrate the recurring language in stories and poems

I can answer questions about a text and explain my points fully by referring to my bullet points.

I can respond to questions in my discussion circle giving the 2 or 3 reasons I have prepared beforehand

I can explain giving evidence when responding to questions in my reading journal or class journal.

I can read accurately most words of two or more syllables and present some of the most challenging words in my reading journal.

I can make inferences from picture events and speech and evidence this in my journal or class journal.

I can make predictions on what I have just read and share them in my discussion circle.

I have read 6 whole chapter books as part of a shared reading experience

I can read most common words containing common suffixes

I can read words accurately and fluently without hesitation

I can read most common exception words and record tricky ones in my journal.

I can sound out most unfamiliar words accurately without hesitation.

I can respond to questions on how a character is portrayed in my class journal

I can answer questions asking me to refer to specific parts of a text in my guided reading sessions and journal

I can skim to help me explain what each paragraph is about

I can scan to find key information when responding to questions

I have read 2 books by the same author