

In Mathematics we will be learning to:

Number - place value

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

Number - addition and subtraction

- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
- Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- 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.
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
- 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.

Measurement: length and mass

- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) and mass (kg/g) to the nearest appropriate unit, using rulers and scales.
- Compare and order length and mass and record the results using $>$, $<$ and $=$.

Graphs

- 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

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 (\times), division (\div) 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)

In English we will be learning to:

English Word Reading

Read accurately by blending the sounds in words that contain the graphemes for all 40+ phonemes and recognise alternative sounds for these graphemes.

Read words in age-appropriate books accurately and fluently, without overt sounding and blending e.g. at over 90 words per minute.

Read aloud books closely matched to our improving phonic knowledge, sounding out unfamiliar words accurately, automatically and without undue hesitation.

Re-read books, sounding out unfamiliar words accurately, to build up fluency and confidence in word reading.

Comprehension

Develop pleasure in reading, motivation to read, vocabulary and understanding by:

- listening to, discussing and expressing views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that at which we can read independently.
- discussing the sequence of events in books and how items of information are related.
- becoming increasingly familiar with and retelling a wider range of stories, fairy stories and traditional tales.
- continuing to build up a repertoire of poems learnt by heart, appreciating these and reciting some, with appropriate intonation to make the meaning clear.

Understand both the books that we can already read accurately and fluently and those that we listen to by:

- drawing on what we already know or on background information and vocabulary provided by the teacher
- checking that the text makes sense to us as we read and correct inaccurate reading.
- answering and asking questions and making links.
- predicting what might happen on the basis of what has been read so far.

Writing

Spell by segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly.

Spell by learning new ways of spelling phonemes for which one or more spellings are already known, and learn some words with each spelling, including a few common homophones.

Write for different purposes to develop positive attitudes toward and stamina for writing.