

Mathematics

This half term Year 1 will be learning the following mathematical strands:

Counting and number order

- To count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- To count, read and write numbers to 100 in numerals, count in multiples of twos, fives and tens.
- To identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.
- To read and write numbers from 1 to 20 in numerals and words.

Place value and comparing quantities and numbers

- When given a number, identify one more and one less.
- To identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.
- To read and write numbers from 1 to 20 in numerals and words.

Developing mental strategies for addition

- To read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.
- To represent and use number bonds and related subtraction facts within 20.
- To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.

Subtraction as difference

- To read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs.
- To represent and use number bonds and related subtraction facts within 20.
- To add and subtract one-digit and two-digit numbers to 20, including zero.
- To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.

Measures

- To compare, describe and solve practical problems for:
 - lengths and heights (long/short, longer/shorter, tall/short, double/half)

Literacy

This half term the children will be learning the following Literacy strands:

Non-Fiction: Information Texts

Poetry: Songs and repetitive Poems

They will learn to:

To know what non-fiction texts are; To answer questions; To identify features of a non-fiction text; To conduct research and discover new facts; To learn when to use a question mark in writing; To say the alphabet and put the alphabet in order; To read, write and spell words correctly.

They will learn to sing songs; Identify initial sounds; discuss and repeat rhyming words; explore the world of poetry; listen to others read poetry; create their own poems and listen to a real life Poet in the classroom.

Listen and respond appropriately to adults and their peers
Ask relevant questions to extend their understanding and build vocabulary and knowledge
Give well-structured descriptions and explanations
Maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
Use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas
Participate in discussions, presentations, performances and debates

Read:

Apply phonic knowledge and skills as the route to decode words.
Respond speedily with the correct sound to graphemes (letters or groups of letters) for all 40+ phonemes, including, where applicable, alternative sounds for graphemes.
Read accurately by blending sounds in unfamiliar words containing GPCs that have been taught.
Being encouraged to link what they read or hear read to their own experiences

Checking that the text makes sense to them as they read and correcting inaccurate reading
Discussing the significance of the title and events
Making inferences on the basis of what is being said and done
Predicting what might happen on the basis of what has been read so far.

Write:

Words containing each of the 40+ phonemes already taught
Naming the letters of the alphabet in order.
Using letter names to distinguish between alternative spellings of the same sound
Sit correctly at a table holding a pencil comfortably and correctly.
Begin to form lower-case letters in the correct direction, starting and finishing in the right place.
Form capital letters.

Science

This half term the children will be learning the following Science strands:

- To observe changes across the four seasons
- Observe and describe weather associated to the seasons and how day length varies
- To identify that most living things live in a habitat to which they are suited
- To describe how different habitats provide for the basic needs of different kinds of animals and plants and how they depend on each other.

<p>Addition and subtraction using money</p>	<ul style="list-style-type: none"> ● mass or weight (heavy/light, heavier than, lighter than) ● capacity/volume (full/empty, more than, less than, quarter) ● time (quicker, slower, earlier, later). ● To recognise and know the value of different denominations of coins and notes. ● To read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs. ● To represent and use number bonds and related subtraction facts within 20. ● To add and subtract one-digit and two-digit numbers to 20, including zero. ● To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems. 	<p>Leave spaces between words. Join words together to make sentences. Use capital letters for names of people and at the start of a sentence. Begin to use punctuation in their sentences.</p>
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