

## Mathematics

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

### **Year 1 Place Value: Weeks 1-4**

Count to ten, forwards and backwards, beginning with 0 or 1, or from any given number.

Count, read and write numbers to 10 in numerals and words.

Given a number, identify one more or one less.

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.

### **Year 1 Addition and Subtraction: Weeks 5-8**

Represent and use number bonds and related subtraction facts within 10.

Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

Add and subtract one digit numbers to 10, including zero.

Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.

## Literacy

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

### **Fiction Storybooks:**

Ten Little Superheroes - by Mike Brownlow  
Eliot, Midnight Superhero - by Anne Cottringer  
Space Tortoise - by Ross Montgomery  
Goodnight Spaceman - Michelle Robinson (Tim Peake)

### **Non-fiction 1: Labels, lists and signs**

Labelling superheroes.  
Writing lists of superhero attributes / Spelling lists.  
Creating superhero signs for pegs and drawers.  
Write labels and captions for photos.  
List body parts (head, shoulders, knees and toes).

### **They will learn to:**

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

## Science

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

- Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
- Observe changes across the four seasons.
- Observe and describe weather associated with the seasons and how day length varies.
- Notice that animals including humans, have offspring which grow into adults.
- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).
- Describe the importance for humans to exercise, eat the right amounts of different types of food, and personal hygiene.

<p><b>Year 2 Place Value: Weeks 1-4</b></p> <p>Read and write numbers to at least 100 in numerals and in words.</p> <p>Recognise the place value of each digit in a two-digit number (tens, ones)</p> <p>Identify, represent and estimate numbers using different representations including the number line.</p> <p>Compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs.</p> <p>Use place value and number facts to solve problems.</p> <p>Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.</p> <p><b>Year 2 Addition and Subtraction: Weeks 5-8</b></p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>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.</p> <p>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</p> <p>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.</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p>	<p><b><u>Read:</u></b></p> <p>Apply phonic knowledge and skills as the route to decode words.</p> <p>Respond speedily with the correct sound to graphemes (letters or groups of letters) for all 40+ phonemes, including, where applicable, alternative sounds for graphemes.</p> <p>Read accurately by blending sounds in unfamiliar words containing GPCs that have been taught.</p> <p>Being encouraged to link what they read or hear read to their own experiences</p> <p>Checking that the text makes sense to them as they read and correcting inaccurate reading</p> <p>Discussing the significance of the title and events</p> <p>Making inferences on the basis of what is being said and done</p> <p>Predicting what might happen on the basis of what has been read so far.</p> <p><b><u>Write:</u></b></p> <p>Words containing each of the 40+ phonemes already taught</p> <p>Naming the letters of the alphabet in order.</p> <p>Using letter names to distinguish between alternative spellings of the same sound</p> <p>Sit correctly at a table holding a pencil comfortably and correctly.</p> <p>Begin to form lower-case letters in the correct direction, starting and finishing in the right place.</p> <p>Form capital letters.</p> <p>Leave spaces between words.</p> <p>Join words together to make sentences.</p> <p>Use capital letters for names of people and at the start of a sentence.</p> <p>Begin to use punctuation in their sentences.</p>	
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