

Mathematics

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

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| Counting | <ul style="list-style-type: none"> To count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. 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. |
| Addition and subtraction to 5 or more (part 1) | <ul style="list-style-type: none"> To read and write numbers from 1 to 20 in numerals and words. When given a number, identify one more and one less. To read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs. To add and subtract one-digit and two-digit numbers to 20, including zero. |
| Addition and subtraction to 5 or more (part 2) | <ul style="list-style-type: none"> To add and subtract one-digit and two-digit numbers to 20, including zero. To solve simple one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems. |
| Addition totals to 10 | <ul style="list-style-type: none"> 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 (9 + 9, 18 − 9), including zero. |
| Properties of shape | <ul style="list-style-type: none"> To recognise and name common 2D and 3D shapes, including: <ul style="list-style-type: none"> 2D shapes (rectangles (including squares), circles and triangles) 3D shapes (cuboids (including cubes), pyramids and spheres). |
| Addition and subtraction to 10 | <ul style="list-style-type: none"> 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 such as 7 = - 9 |

Literacy

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

- Fiction 1: Stories with familiar settings
- Fiction 2: Repeating patterns
- Non-fiction 1: Labels, lists and signs

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

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.
 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.

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 of exercise, eating the right amounts of different types of food, and hygiene.