

# Year 1 maths newsletter



## Autumn

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Welcome back to the new school year.  
This half-term will be split into two maths topics, 'place value within 10' and  
'addition and subtraction within 10.'

Any queries please email either:  
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# Number: place value within 10

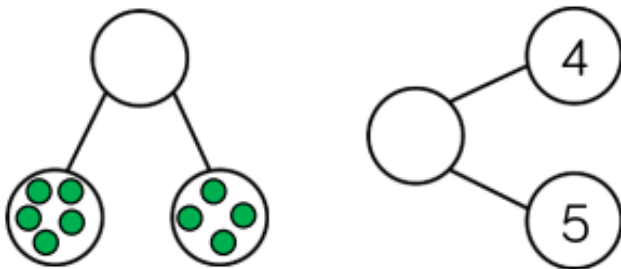
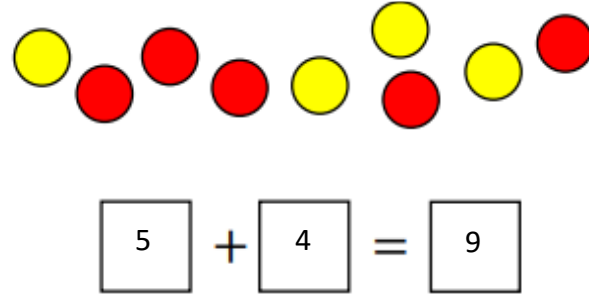




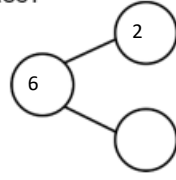
The value of each digit depending on its position within a number.

<p>Count, read and write forwards and backwards from any number 0 to 10.</p> <p>Children develop counting.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 30px; height: 30px;"></td> <td style="width: 30px; height: 30px; text-align: center;"> </td> <td style="width: 30px; height: 30px; text-align: center;"> </td> </tr> <tr> <td style="text-align: center;">Three</td> <td style="background-color: #d4edda;"></td> <td style="text-align: center;">Five</td> </tr> </table> </div> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">1</td> <td style="width: 12.5%;">3</td> <td style="width: 12.5%;">4</td> <td style="width: 12.5%;">5</td> <td style="width: 12.5%;">6</td> <td style="width: 12.5%;">8</td> <td style="width: 12.5%;">9</td> <td style="width: 12.5%;">10</td> </tr> </table> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">one</td> <td style="width: 12.5%;">three</td> <td style="width: 12.5%;">four</td> <td style="width: 12.5%;">five</td> <td style="width: 12.5%;">six</td> <td style="width: 12.5%;">eight</td> <td style="width: 12.5%;">nine</td> <td style="width: 12.5%;">ten</td> </tr> </table>				Three		Five	1	3	4	5	6	8	9	10	one	three	four	five	six	eight	nine	ten	<p>Sort and count objects</p> <p>Children begin to sort objects into groups before counting them 0-10 to see how many there are.</p> <div style="text-align: center;"> </div>
Three		Five																					
1	3	4	5	6	8	9	10																
one	three	four	five	six	eight	nine	ten																
<p>Count one more and one less.</p>																							
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <span style="margin: 0 10px;">→ one more →</span> <input style="width: 100px; height: 30px; border: 1px solid blue;" type="text"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <span style="font-size: 24px; margin-right: 10px;">3</span> <span style="margin: 0 10px;">→ one more →</span> <input style="width: 100px; height: 30px; border: 1px solid blue;" type="text"/> </div> <div style="display: flex; align-items: center;"> <span style="margin-right: 10px;">six</span> <span style="margin: 0 10px;">→ one more →</span> <input style="width: 100px; height: 30px; border: 1px solid blue;" type="text"/> </div> </div>	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <span style="margin: 0 10px;">→ one less →</span> <input style="width: 100px; height: 30px; border: 1px solid orange;" type="text"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <span style="font-size: 24px; margin-right: 10px;">1</span> <span style="margin: 0 10px;">→ one less →</span> <input style="width: 100px; height: 30px; border: 1px solid orange;" type="text"/> </div> <div style="display: flex; align-items: center;"> <span style="margin-right: 10px;">nine</span> <span style="margin: 0 10px;">→ one less →</span> <input style="width: 100px; height: 30px; border: 1px solid orange;" type="text"/> </div> </div>																						
<p>Compare and order numbers.</p> <p>Children will be introduced to &lt;, &gt; and = to compare objects and numbers.</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> <input style="width: 50px; height: 50px; border: 1px solid blue; border-radius: 50%;"/> </div> <div style="text-align: center;"> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> <input style="width: 50px; height: 50px; border: 1px solid blue; border-radius: 50%;"/> </div> <div style="text-align: center;"> <p>Seven</p> </div> </div>	<p>Ordinal numbers.</p> <div style="text-align: center; margin-top: 20px;"> </div>																						

If you have any questions on how to support your child at home, please contact your child's teacher.

# Number: addition and subtraction within 10

Children will develop their understanding of addition and subtraction

Part-whole models	Addition symbol.
<p>Children will understand that a number can be partitioned into 2 or more parts. This will help them with number bonds and addition.</p> <p>The whole is 9 the parts are 4 and 5.</p> 	<p>Children are introduced to the addition symbol(+) for the first time. They will combine this with the equals(=) symbol to create their first number sentences.</p> 
Number bonds within 10.	Subtraction
<p>Children break numbers into parts and explore how many different ways a number can be partitioned.</p> <p>5 - 0 = 5    ●●●●●    5 + 0 = 5</p> <p>5 - 1 = 4    ●●●●●    4 + 1 = 5</p> <p>5 - 2 = 3    ●●●●●    3 + 2 = 5</p> <p>5 - 3 = 2    ●●●●●    2 + 3 = 5</p> <p>5 - 4 = 1    ●●●●●    1 + 4 = 5</p> <p>5 - 5 = 0    ●●●●●    0 + 5 = 5</p>	<p>Children are first introduced to the concept of subtraction through a range of real life contexts rather than the subtraction symbol.</p> <p>Once (First:        Now:        ng l using</p> <p>away.    repres</p> <p>    7 - 2 = __</p> <p>How many ice creams do not have flakes?</p> <p>    6 - 2 = __</p> 

## Vocabulary

The following vocabulary is used in the classroom to support learning. Please continue to support your child at home by using the same vocabulary.

### Place value

one more, one less  
more than  
less than  
equals  
order, compare  
first, second, third... last

### Addition and subtraction

part, whole  
addition, add, more  
subtraction, takeaway, left  
number sentence  
systematic  
digits

## Further support at home

To support your child at home, we encourage the use of the classroom vocabulary and the same methods/strategies of calculation.

When working with your child at home, you can ask them the following question starters to further demonstrate their understanding.

- How many are there in total?
- How many different ways can we represent...
- What is the next number?
- Are the numbers getting greater or smaller?
- How have these objects/numbers been ordered?
- When might we use ordinal numbers?
- Can this be done in a different way?
- Can the parts be swapped around?
- What's the same and what is different about these number sentences?
- If 8 is the whole, what could the parts be?
- Can you see a pattern in the numbers?

If you have any questions on how to support your child at home or need any log in information, please contact your child's class teacher.