

Year 1 maths newsletter



Autumn 1

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.'*

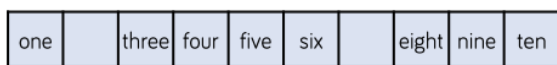
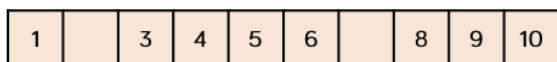
*Any queries please email either:
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Number: place value within 10

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

Count, read and write forwards and backwards from any number 0 to 10.

Children develop counting.



Sort and count objects

Children begin to sort objects into groups before counting them 0-10 to see how many there are.



Count one more and one less.



one more

3

one more

six

one more



one less

1

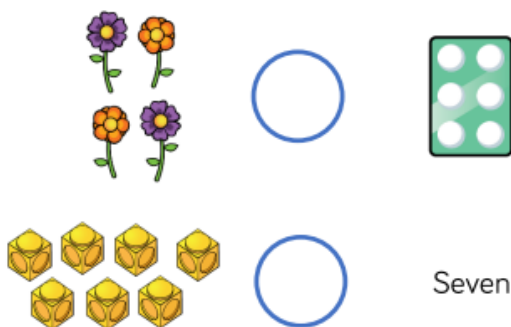
one less

nine

one less

Compare and order numbers.

Children will be introduced to $<$, $>$ and $=$ to compare objects and numbers.



Children are also introduced the vocabulary of greatest and least to order numbers and objects.

Number lines.

Children will learn what a number line looks like and label number lines up to 10.



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

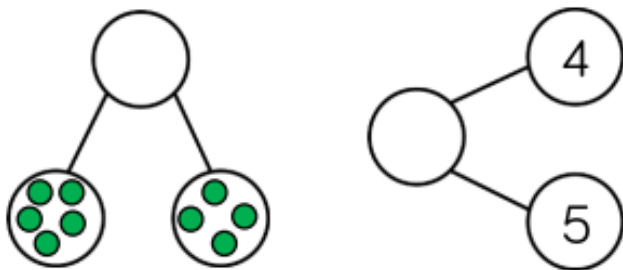
Number: addition and subtraction within 10

Children will develop their understanding of addition and subtraction

Part-whole models

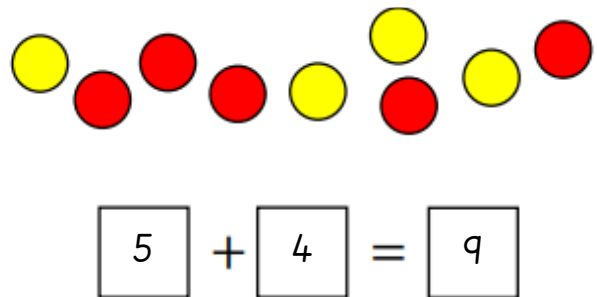
Children will understand that a number can be partitioned into 2 or more parts. This will help them with number bonds and addition.

The whole is 9 the parts are 4 and 5.



Addition symbol.

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.



Number bonds within 10.

Children break numbers into parts and explore how many different ways a number can be partitioned.

$$5 - 0 = 5 \quad \text{● ● ● ● ●} \quad 5 + 0 = 5$$

$$5 - 1 = 4 \quad \text{● ● ● ● ●} \quad 4 + 1 = 5$$

$$5 - 2 = 3 \quad \text{● ● ● ● ●} \quad 3 + 2 = 5$$

$$5 - 3 = 2 \quad \text{● ● ● ● ●} \quad 2 + 3 = 5$$

$$5 - 4 = 1 \quad \text{● ● ● ● ●} \quad 1 + 4 = 5$$

$$5 - 5 = 0 \quad \text{● ● ● ● ●} \quad 0 + 5 = 5$$

Subtraction

Children are first introduced to the concept of subtraction through a range of real life contexts rather than the subtraction symbol.



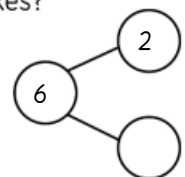
Once children are confident with the concept of taking away. They are introduced to the subtraction symbol using representations.



How many ice creams do not have flakes?



$$6 - 2 = ___$$



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.