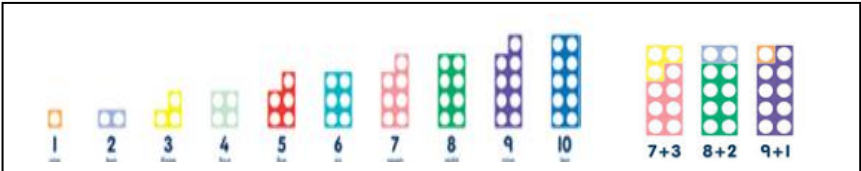
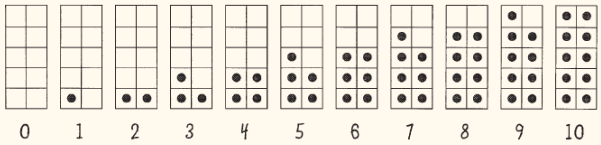
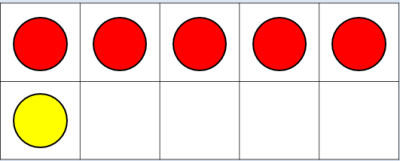
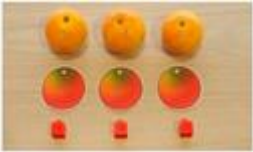





Oakmeadow EYFS Calculation policy

ADDITION

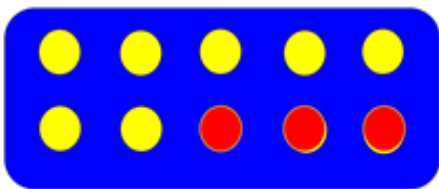
GUIDANCE/ MODELS AND IMAGES	KEY VOCABULARY
<p>Counting objects, partitioning and recombining sets using practical apparatus. Understand that the number gets bigger. Addition is commutative.</p> <p>Use number tracks to develop counting skills, forwards and backwards. COUNTING ITP</p> <p>Numicon shapes, ten frame and bar model should be used to introduced straight away and be used to:</p> <ul style="list-style-type: none"> • identify (1 more/less) • combine (pieces to add) • find (number bonds) • add (without counting) <div style="text-align: center;">  </div> <p>Children can record this by printing or drawing around Numicon pieces / ten frame</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="width: 45%;"> <p>Ten-frame tiles show a unique picture for each number. By showing each quantity in relation to 10, they provide foundation for place-value concepts. The ten-frame model shows 0. It also shows the attributes of odd and even.</p>  </div> <div style="width: 45%; border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Five and 1 more is 6 $5 + 1 = 6$</p>  </div> </div> <p>Pictorial recording of practical experiences. Use bar model like a number track.</p> <div style="display: flex; justify-content: space-around;">     </div>	<p>Games and songs can be useful way to begin using vocabulary involved in addition i.e. One elephant went out to play</p> <p style="text-align: center;">plus estimate add more and sum total make altogether score double</p> <p style="text-align: center;">one more, two more, ten more... how many more make? How many more is ... than ...? same as</p>

Oakmeadow EYFS Calculation policy
ADDITION

Children can begin to combine groups of objects using concrete apparatus:



Construct number sentences verbally or using cards to go with practical activities.



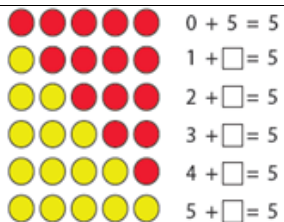
Children are encouraged to read number sentences aloud in different ways. "Three add two equals 5". "5 is equal to three and two". "5 is the same as three and two".

Children make a record in pictures, words or symbols of addition activities.



Use pattern to complete the number sentences:

Oakmeadow EYFS Calculation policy
ADDITION



Teacher modelling of number sentences and addition as commutative.



$1 + 1 = 2$
double 1 is 2

$2 - 1 = 1$
half of 2 is 1



$2 + 2 = 4$
double 2 is 4

$4 - 2 = 2$
half of 4 is 2

Once numbers can be written, number sentences can be recorded.

Modelling of commutative layout.

To have experience of '=' sign as last stage in calculation.

[ADDITION AND SUBTRACTION EXCEL](#)

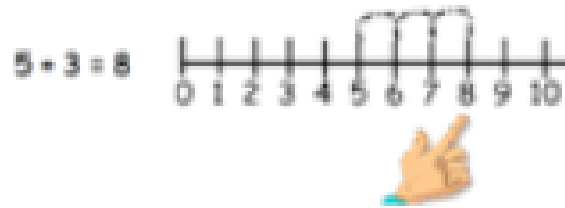
Number tracks can be introduced to count up on and to find one more:

What is 1 more than 4? 1 more than 13?

Oakmeadow EYFS Calculation policy
ADDITION



Number lines can be used alongside number tracks and practical apparatus to solve addition calculations and word problems:



Children will need opportunities to look at and talk about different models and images as they move between representations.