



*Perton First School*

## *Parent Friendly Calculation Policy*

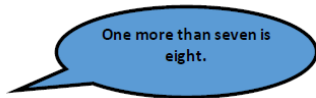
*How we teach*

*Addition, Subtraction, Multiplication and Division  
in Reception*

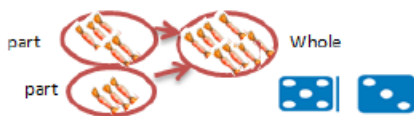


# Addition in Reception

To say the number that is one more than a given number.



Combine two or more quantities to find the total (combining)

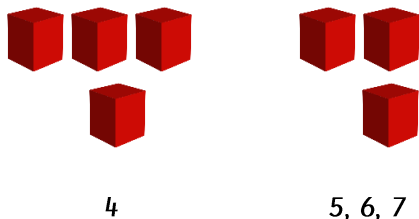


To find one more than a group of up to five, then ten objects.

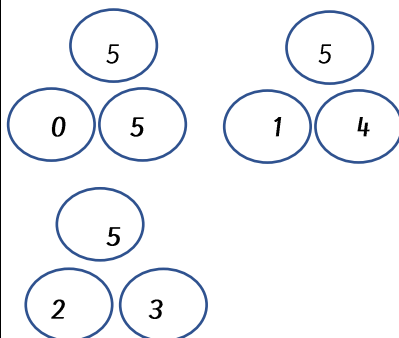


One more than 4 is 5

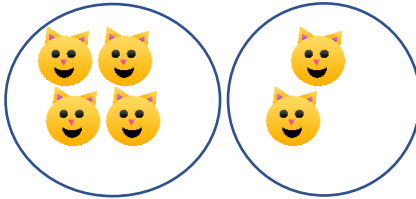
To count on when adding to a group (holding first number in head).



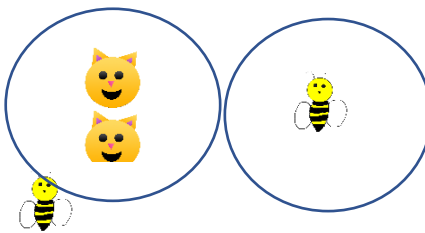
To know number bonds of 5



To add two sets of objects that are the same.



To add two sets of objects that are different.



Increase one quantity by a given amount to find the total

Serena has 1 cake and she gets 3 more. How many does she have in total?



Records using marks they can interpret and explain.



To read an addition number sentence

To read out loud

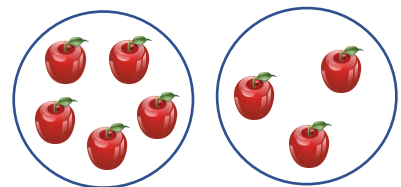
$$3 + 5 = 8$$

Children need to know the correct vocabulary for the + and = symbols

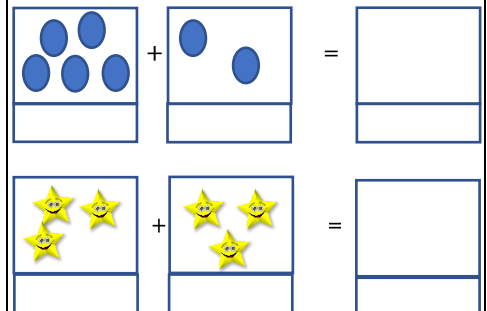
To solve an addition number calculation.

Using objects to solve.

$$5 + 3 = 8$$



To match number cards to objects to make number sentences.



To know doubles to 10.

$$1+1=2 \quad 2+2=4 \quad 3+3=6$$

$$4+4=8 \quad 5+5=10$$



# Subtraction in Reception

Relates subtraction to taking away.

3 dogs

Take away 2

Leaves 1 dog.



To find one less than a group of up to five, then ten objects.

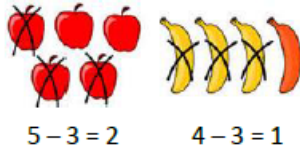


I have 6 bees, 1 less than 6 is 5

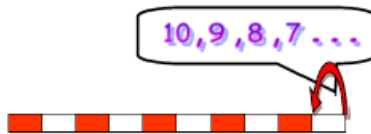
Recording using marks they can explain and apply meaning.



Using quantities and objects to subtract single digit numbers and count on to find the answer.



To count backwards on a number line or counting stick.



To use composition and decomposition of numbers to 10 to support this



To recognise and name -and = symbols.

Subtract, take away, minus left, part, whole, is equal to.

To read a subtraction calculation.

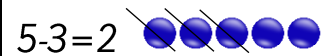
To read aloud

$5-3=2$  knowing the correct vocabulary for the symbols - and =

To solve a subtraction calculation using objects

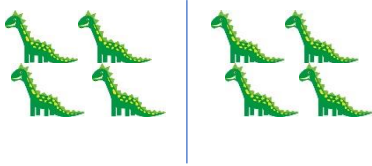


To arrange a subtraction calculation



# Multiplication in Reception

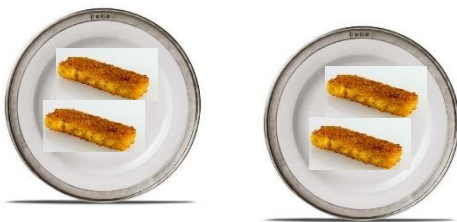
Children can lay out equal groups of objects



Children can match equal groups of objects

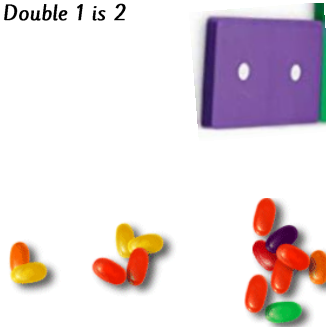


Recognise when they are given equal amounts



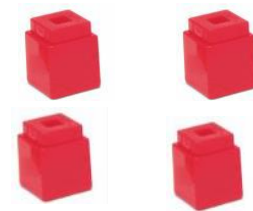
Double objects

Double 1 is 2

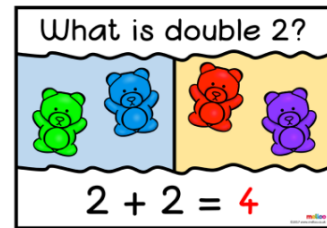


Double quantities

Double the unifix cubes



To begin to relate doubles as repeated addition



To begin to recognise odd and even numbers



# Division in Reception

To share objects between 2 people equally

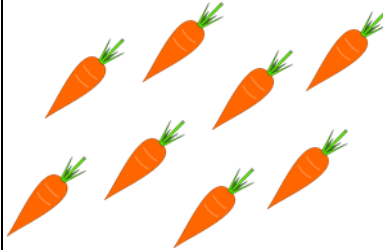
4 cupcakes and 2 plates. How many cakes does each person have?



To group objects into equal groups



Share an even group of objects between more than 2 people/animals etc.



To identify odd and even numbers



To solve problems with grouping and sharing

How should we put the seeds in the 4 pots?

Can you think of a way so we will have the same number of seeds in each pot?  
Are there any left over?



Can we share out these strawberries fairly?

How shall we do it?

Between 2 people? What would happen if it was between 3 people?

