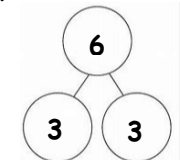
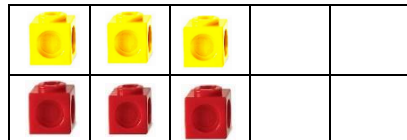


Reception: Spring - Summer term		Addition	
Vocabulary: subitise, number, numeral, composition, whole/part/part, number bonds, double, and, add, plus, equals, altogether, total, count on			
Concrete		Pictorial	
<u>Composition of numbers</u> Children talk about the different arrangements they can see within a whole. Play games e.g., skittles and looking at how many are standing. How many have fallen over? How many are there altogether? 		Show children pictures of the skittles. Can children identify the two parts? How can they show it? Circle. Draw it.  	
<u>Exploring a number</u> How many different ways can we make 4? What is different? What is the same? 		4 is 3 and +1 	
<u>Systematic working and commutativity (counters/cubes)</u> Ways to make numbers to 5. 		Ways to make numbers to 5 	
<u>Exploring numbers using Maths equipment (Numicon/rekenrek)</u>  		<u>Jottings</u> 4 and 1 = 5 	
		<u>No formal written method.</u> Child can record the abstract as a number sentence for example: $3 + 3 = 6$ They could record as pictures, bar model or in a part whole model.  	

5 frames and 10 frames.

$3 + 3$

**Jottings**

$3 + 3$

**Instant Recall**

- Number bonds to 5
- Some number bonds to 10

Conceptual subitising

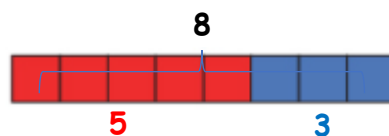
Recognising smaller groups within a larger set and adding those small groups together, such as 2 dots plus 2 dots equals four dots.



$2 + 2 = 4$

**Mental**

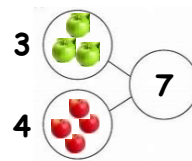
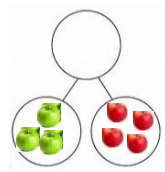
Encourage children to visualise a hidden group and calculate how many altogether for example there are 3 apples in the bowl, there are 4 apples next to the bowl, how many apples altogether? 3 plus 4 equals... how do you know? Convince me.

Bar model**Joining two groups and counting all.**

and/plus



makes/equals 7 apples



Tell a number story to match a picture.
The boy has 3 green apples, and the girl has 4 red apples. Altogether they have 7 apples.



