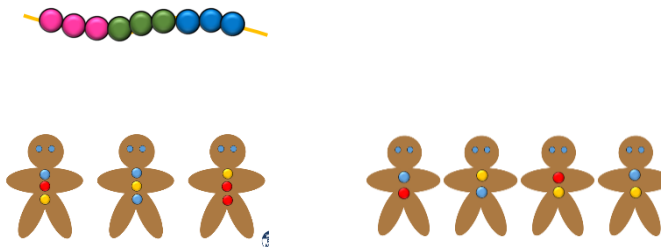
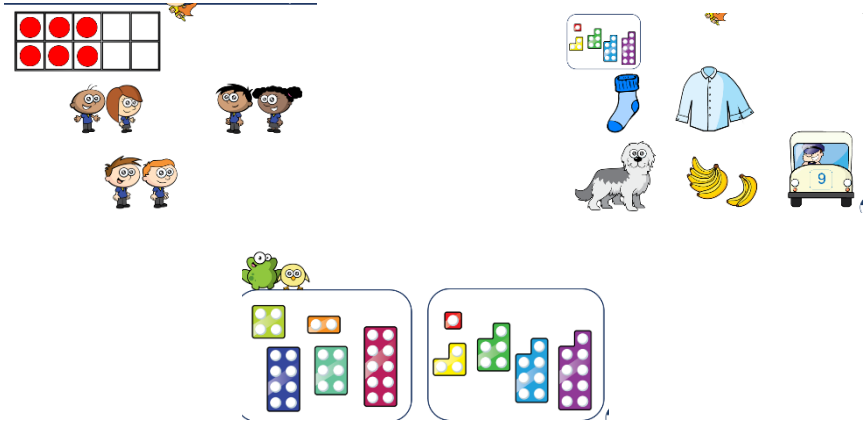
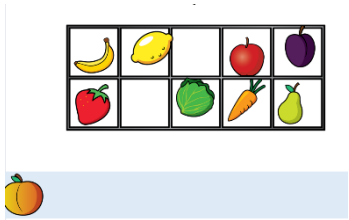
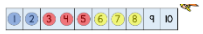
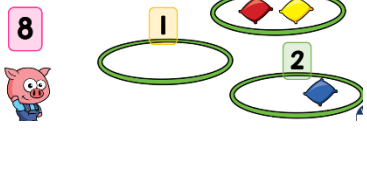
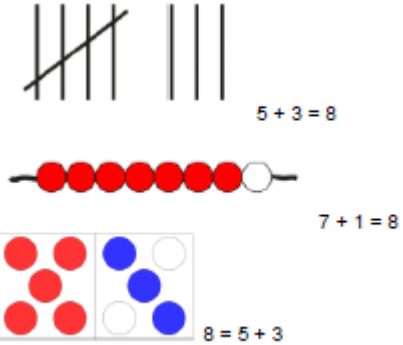
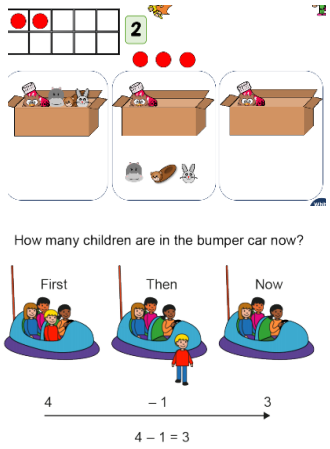
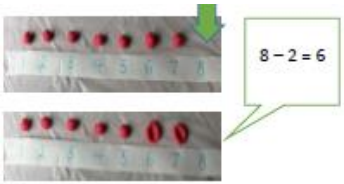
Captain Webb Primary School medium term plan. Twenty Plenty.

Year R

Summer 2	Strand	Number of weeks	Key knowledge (from the Birth to 5)	Learning intentions	Resources and methods (Calculation policy)
	Counting	1	Explore and represent patterns within numbers up to 10 and how quantities can be distributed equally.	I know how to group a given amount of objects. I know that grouping means having equal sets of groups.	
	Counting in 2s	1	Explore and represent patterns within numbers up to 10 including odds and evens.	I know that some quantities will share equally into 2 groups and some will not. I know how to explore odd and even numbers by finding pairs.	

	Estimation	1	Estimates of numbers of things, showing understanding of relative size.	I know that estimation means having a sensible guess. I know patterns in numbers to say an estimation.	  I have some pinecones and some shells. How many of each do you think I might have? 
	Calculating addition	2	Verbally count to 20. To know and recall number facts and relationships to 10. To use recall strategies and subitizing to identify the number of concrete/pictorial objects in a set. Have a deep understanding of number to 10, including the composition of each number. To recall number bonds for numbers 0-5 and some to 10, including corresponding, portioning facts.	I know how to add amounts by counting on. I know that when I add the number gets bigger. I know how to apply this to recall my number facts to 10. I understand that each number can be made of smaller numbers. I know how to add numbers together to make a total.	  

	Calculating subtraction	2	To understand numbers to 10, linking names of numbers, numerals, their value and their position in the counting order.	I know that when I subtract the number it gets smaller. I know how to find the answer and use marks/ numbers to show my thinking. I know that each number gets bigger or smaller by 1 when counting.	 
		CI	To tackle problems involving prediction and discussion of comparisons of length, weight or capacity, paying attention to fairness and accuracy.	I know how to solve my problem accurately. I understand that fairness means equality. I know how to explore measure in my play.	 
		CI	To know characteristics of everyday objects and shapes and uses mathematical language to describe them.	I know that 2D shapes are flat shapes and 3D shapes are solid shapes. I understand terminology such as sides, corners to describe shape names.	 

				I know some 2D shape names. I know some 3D shape names. I understand vocabulary such as faces, edges and vertices/points.	