Maths Calculation Policy – Addition

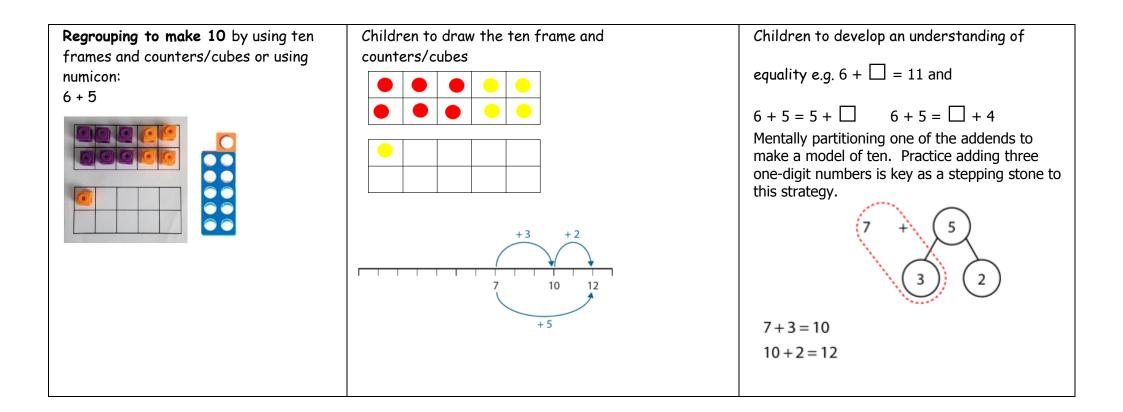
This document shows the models, pictures and calculation methods we use

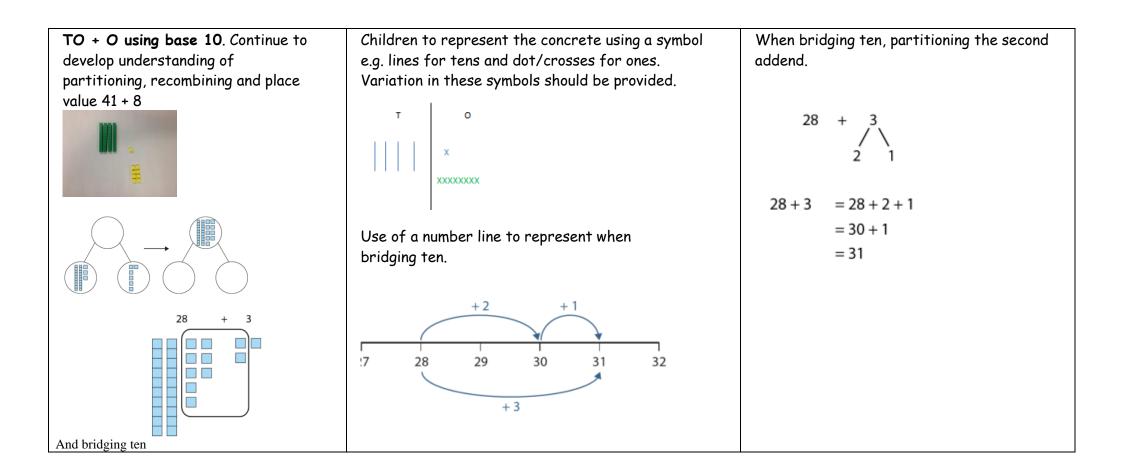
at Stottesdon C o E Primary School.

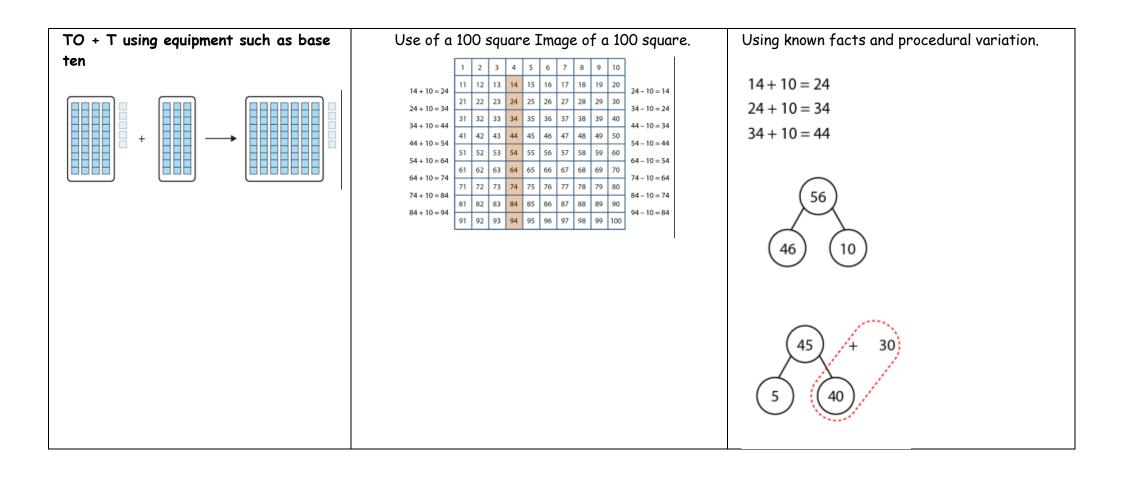
Addition

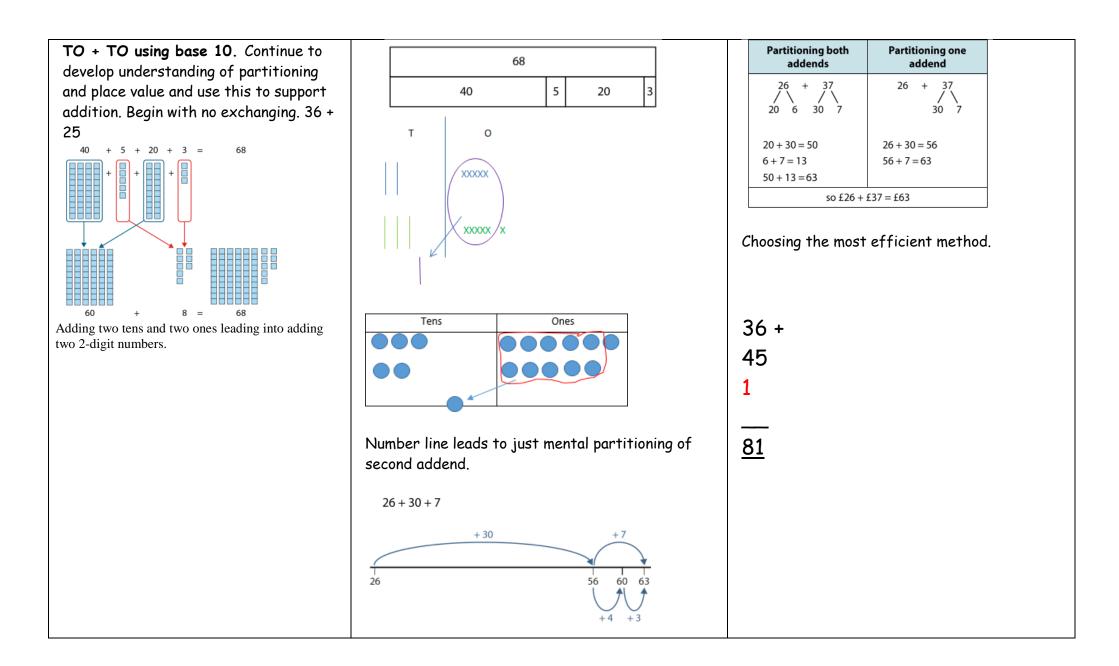
Key language which should be used: sum, total, parts and wholes, plus, add altogether, more than, is equal to, is the same as, addends

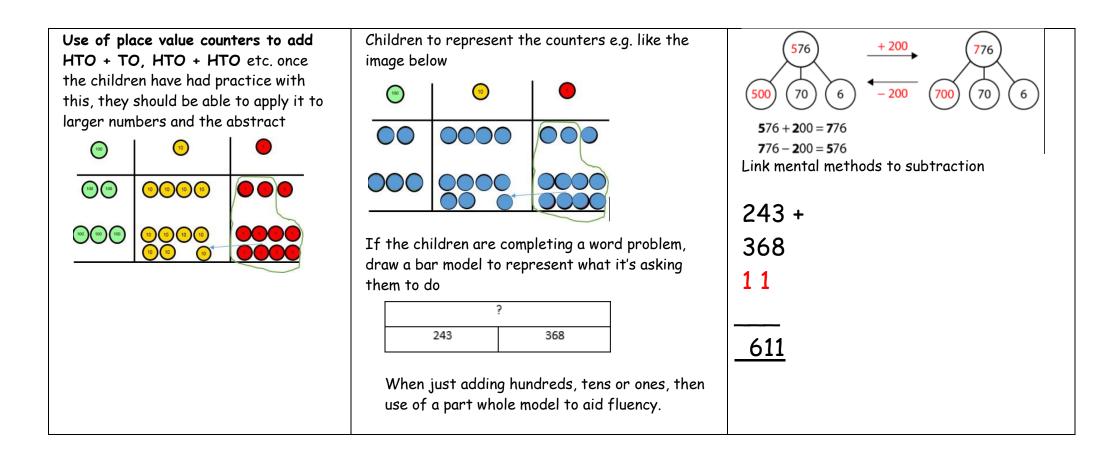
Concrete	Pictorial	Abstract
Concept of part/whole. (what is a part/not a part? and what is a whole/not a whole?)		
	Using squared paper can help introduce the bar model to represent parts and whole.	
Counting on using number lines by using cubes or numicon	A bar model which encourages the children to count on 4 ? Maths stories - First, there are four horses in field. Next, two more horses come into the field. How many horses are in the field now?	The abstract number line: What is 2 more than 4? What is the sum of 4 and 4? What's the total of 4 and 2? 4 + 2











Fluency and variation. Asking different ways to solve addition calculations. Children are encouraged to make the most efficient choices where appropriate.

