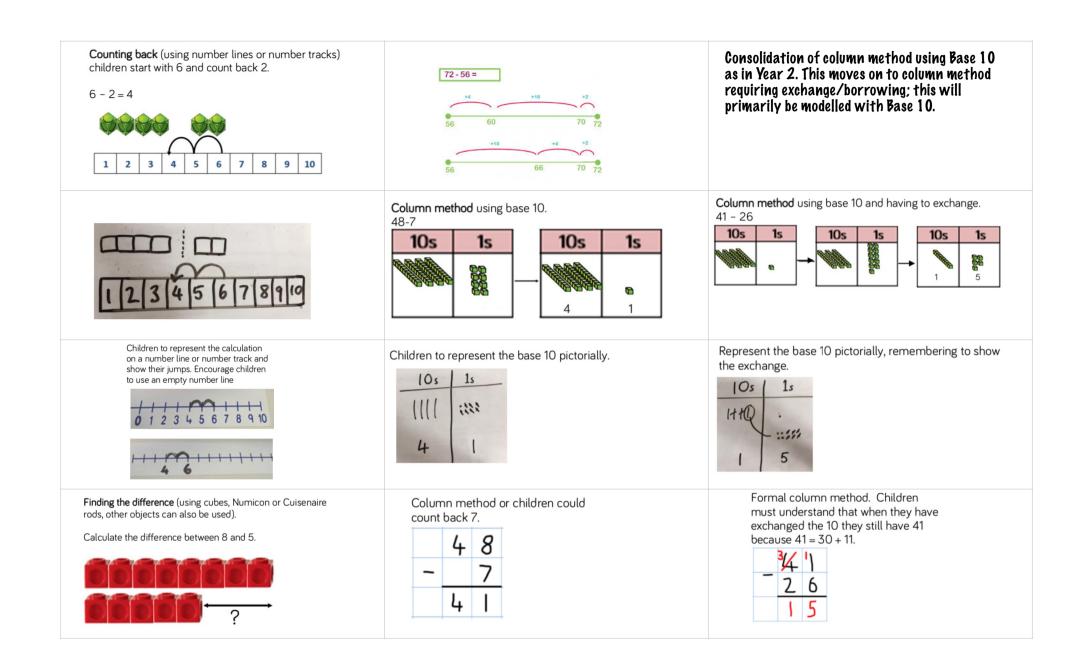
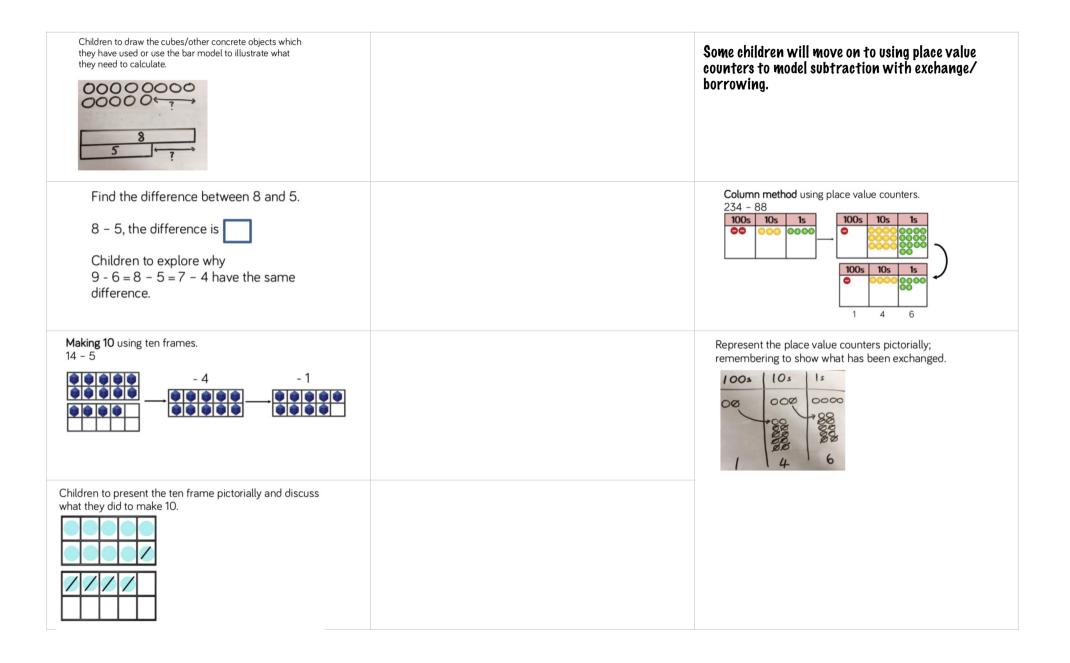
EYFS/Year 1	Year 2	Year 3
Physically taking away and removing objects from a whole (ten frames, Numicon, cubes and other items such as beanbags could be used). 4 - 3 = 1	As Year 1 to consolidate methods and move on to larger numbers. Moving on to:	As Year 2 to consolidate methods and move on to larger numbers. Mental strategies to include: Partitioning, e.g. 68 – 42 as 60 – 40 and 8 – 2 or £6.84 - £2.40 as £6 - £2 and 80p – 40p. Count back in hundreds, tens and then ones, e.g. 763 – 121 as 763 – 100 (663) then subtract 20 (643) then subtract 1 (642). Subtract near multiples, e.g. 648 – 199 or 86 – 39.
Children to draw the concrete resources they are using and cross out the correct amount. The bar model can also be used.	Part-part-whole models with larger numbers.	Part-part-whole models with larger numbers using known facts and number bonds.
XXXX	has in all 11 ? 3 before got for B-day ? 3 3+_=11 11-3=	100 48 ?
4-3= ===================================	Finding the difference in bar models and on number lines.	
$\begin{array}{c c} 4 \\ \hline 3 \\ \hline \end{array}$	18	





	Formal colum method. Children must understand what has happened when they have crossed out digits.
	2 ² 3 ¹ 4
	<u>- 88</u> 6
	0

ALVERTON CALCULATION POLICY - SUBTRACTION

Year 4	Year 5	Year 6
Continue work from Year 3 concentrating on modelling column subtraction with place value counters which should quickly lead into confident use of formal written method with up to 4 digits. However, for any child who has gaps in understanding, any method from previous years can be used as intervention to plug those gaps.	Continue with formal column subtraction with 5 digit numbers. Extend to subtraction of numbers with the same number of decimal places Move on to subtracting numbers with one decimal place from numbers with no decimals. Claire's group	As Year 5 moving to column subtraction of numbers with different number of decimal places.
Column method using place value counters. 234 - 88 100s 10s 1s 100s 10s 1s	Move on to subtracting numbers with up to 4 decimal places from numbers with either no decimals or different numbers of decimals Mike and Ali's groups	
Represent the place value counters pictorially; remembering to show what has been exchanged. 100° 10° 1° 1°		

Formal colum method. Children must understand what has happened when they have crossed out digits. 234 - 88 6	
This method should be extended to 4 digit numbers.	