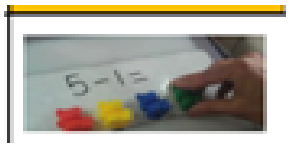
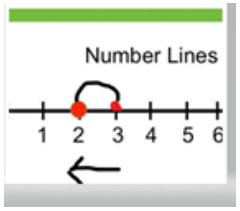
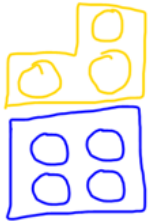
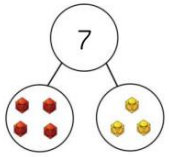
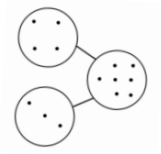
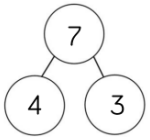
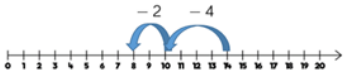
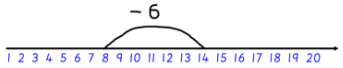
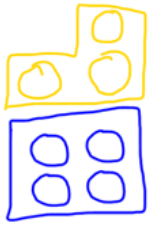
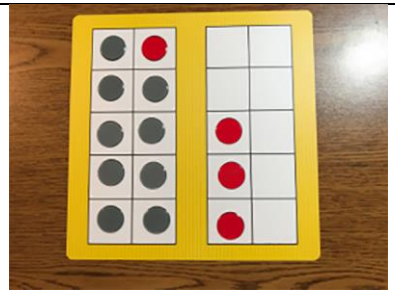
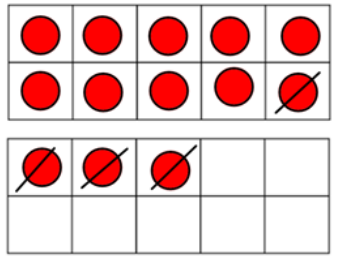
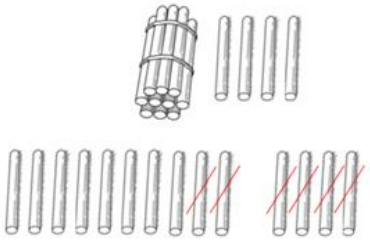
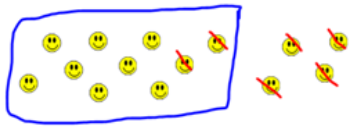
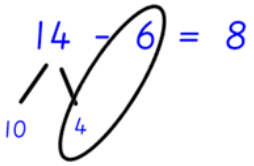
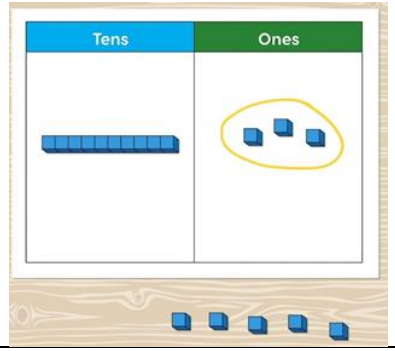
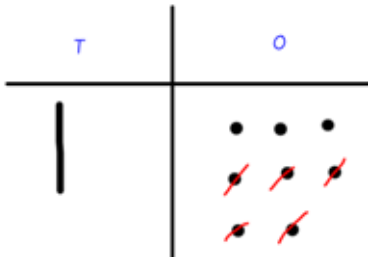
Subtraction

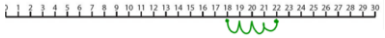
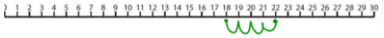
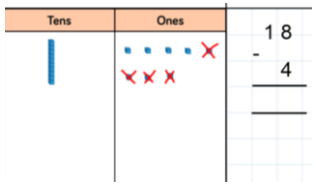
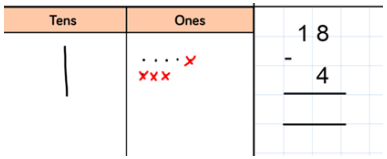
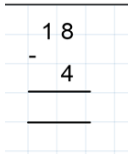
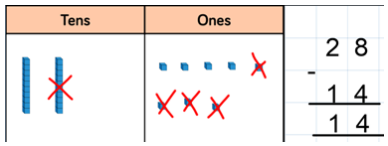
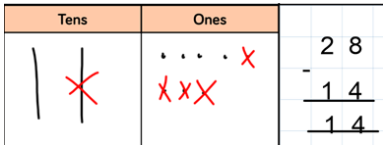
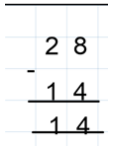
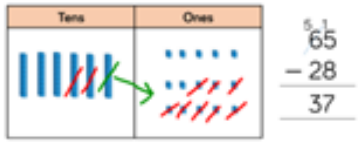
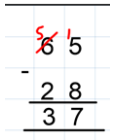
Reception			
Early Learning Goals Using quantities and objects, subtract two single-digit numbers.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
'Taking away' - removing objects/crossing out			**5-1= 4** **"One less than 5 is 4"**
Counting back (number lines)			**3-1=2**
Number shapes (numicon)			**7-3=4**

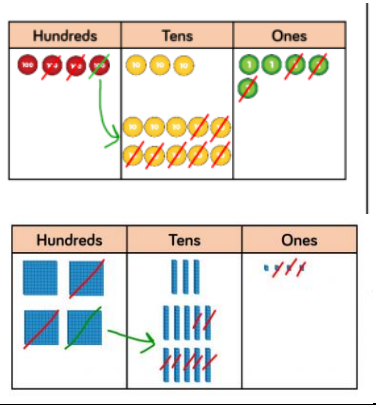
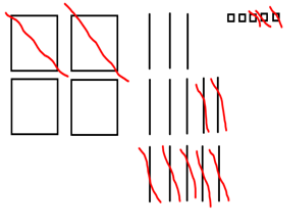
Year 1			
National Curriculum Objectives Subtract 1 digit and 2 digit numbers up to 20, including 0.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Part-part whole			 7 – 3 = 4 7 – 4 = 3
Counting back (number lines)			**14 - 6 = 8**
Number Shapes (Numicon)	 7 – 3 = 4		**7-3=4**
‘Taking away’ - removing objects/crossing out			**7-3=4**

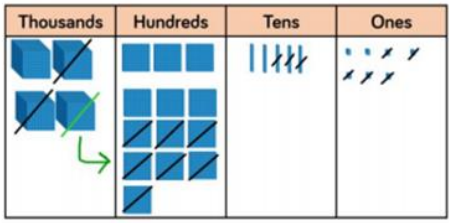
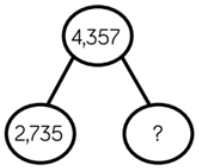
Tens frames			**13-4=9**
Grouping by 10			
Base 10			**18- 5= 13**

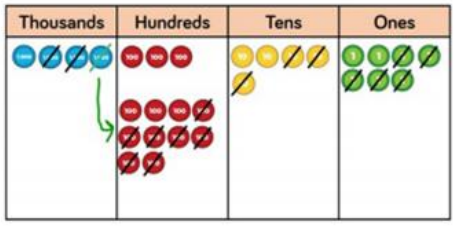
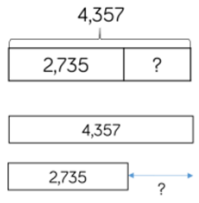
Year 2

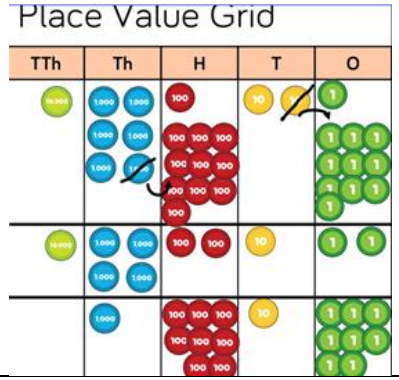
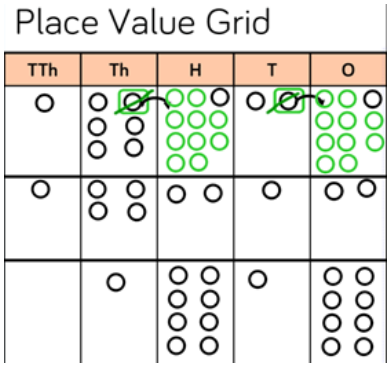
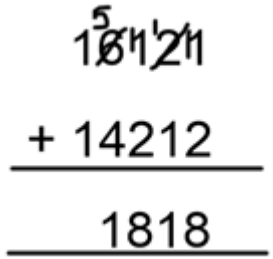
National Curriculum Objectives
Subtract 2 digit numbers and ones.
Subtract 2 digit number and tens.
Subtract two 2 digit numbers.
Subtract three 1 digit numbers.

Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Counting backwards (number line)			18-4 = 14
Column method (base ten)			
			
Column method with exchanging (base ten)			

Year 3			
National Curriculum Objectives Subtract numbers with up to 3 digits using the formal written method of column subtraction.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Column subtraction - formal written method (place value counters and base ten)			3 1 4 3 5 − 2 7 3 2 6 2

Year 4			
National Curriculum Objectives Subtract numbers with up to 4 digits using the formal written method of column subtraction.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Column subtraction - formal written method (place value counters and base ten)			3 1 4 3 5 7 − 2 7 3 5 1 6 2 2

Year 5			
National Curriculum Objectives Subtract whole numbers with more than 4 digits, using the formal written method of column subtraction.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Column subtraction - formal written method			

Year 6			
National Curriculum Objectives Subtract whole numbers with more than 4 digits, using the formal written method of column subtraction.			
Strategy Column subtraction - formal written method	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**