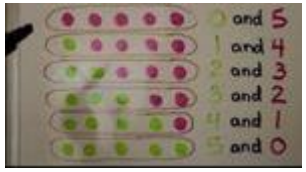
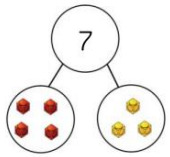
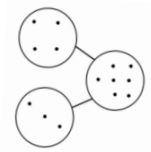
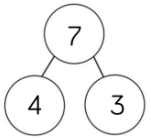
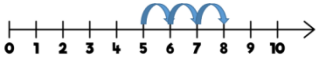
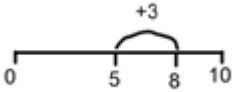
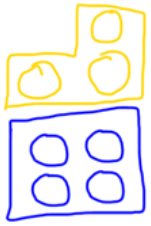
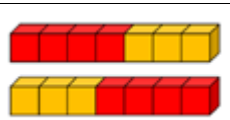
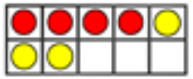
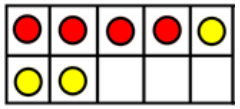
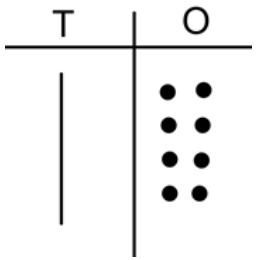
Addition

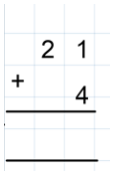
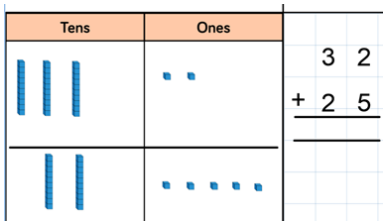
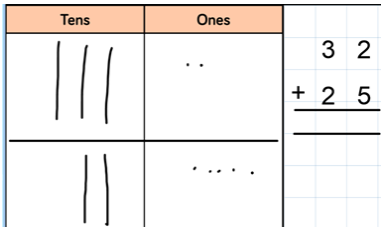
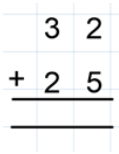
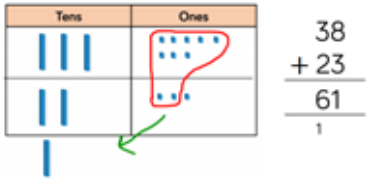
Reception			
Early Learning Goals Using quantities and objects, add two single-digit numbers.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Counting on (number lines)			**“ 1 more than 7 is 8”** **7+1=8**
Five and ten frames			**4+ 1 = 5**
Adding 2 numbers together			**8 + 1 = 9**

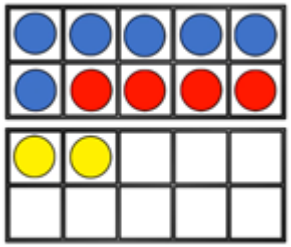
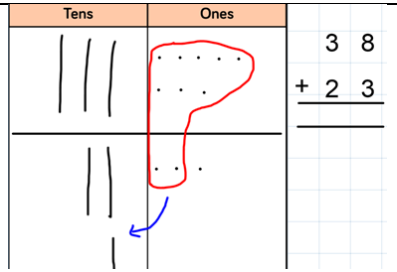
Year 1			
National Curriculum Objectives Add 1- and 2-digit numbers to 20, including 0.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Part-part whole			 **7 = 4 + 3** **7 = 3 + 4**
Counting on (number lines)			**5 + 3 = 8**
Number Shapes (Numicon)			**7 = 3 + 4**

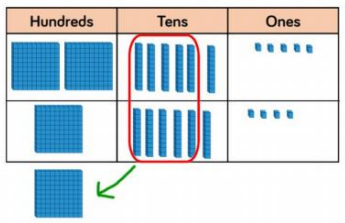
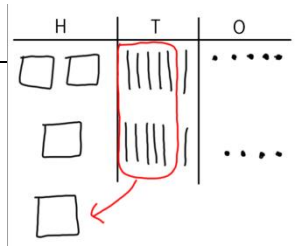
Cubes			**7 = 4 + 3** **7 = 3 + 4**
Ten Frames			**4 + 3 = 7** **3 + 4 = 7**
Grouping by 10			**7 + 6 = 10 + 3 = 13**
Base 10			**14 + 4 = 18**

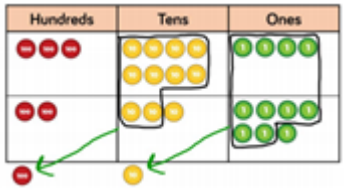
Year 2

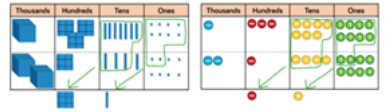
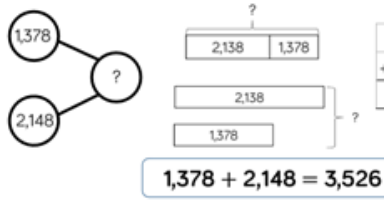
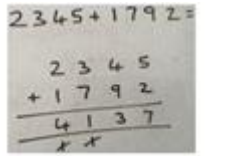
National Curriculum Objectives
Add 2 digit numbers and ones.
Add 2 digit number and tens.
Add two 2 digit numbers.
Add three 1 digit numbers.

Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Counting on (using number line)			
Column method (base ten)			
Column method with regrouping (base 10)			

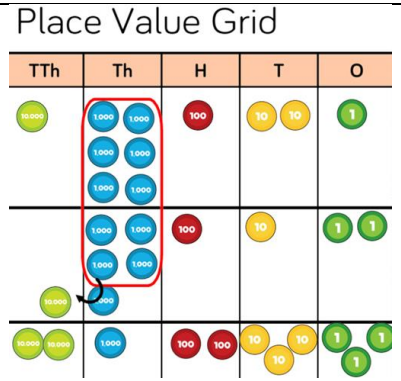
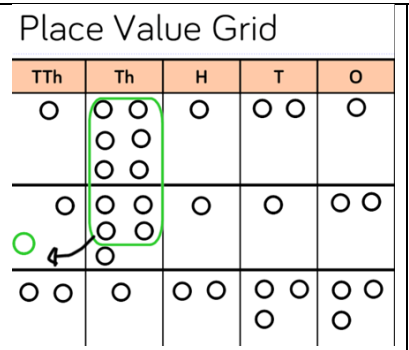
Tens frames			3 8 + 2 3 6 + 4 + 2 = 12

Year 3			
National Curriculum Objectives Add numbers with up to 3 digits, using the formal written method of column addition.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
			265 + 164 429 1

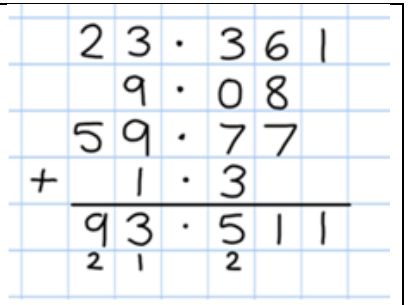
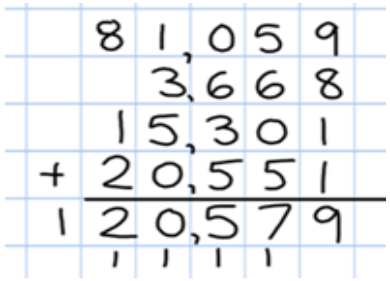
Column addition - formal written method (place value counters and base ten)			

Year 4			
National Curriculum Objectives Add numbers with up to 4 digits, using the formal written method of column addition.			
Strategy Column addition - formal written method (place value counters and base ten)	**Examples/representations**		
	Concrete 	**Pictorial** 	**Abstract** 

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

Column addition - formal written method (place value counters)			16121 + 15112 21233 1

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

			 23.361 9.08 59.77 + 1.3 93.511 2 1 2  81,059 3,668 15,301 + 20,551 1 20,579 1 1 1 1