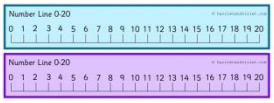
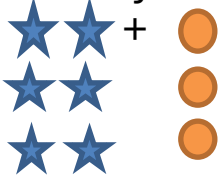
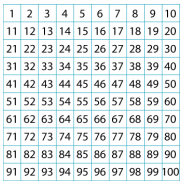
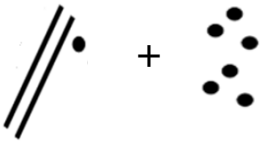
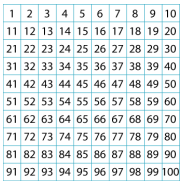
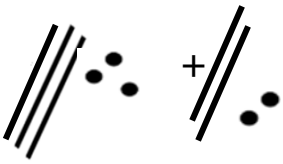
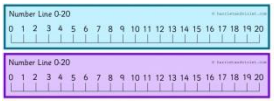
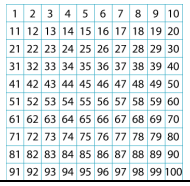
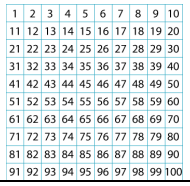
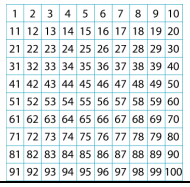
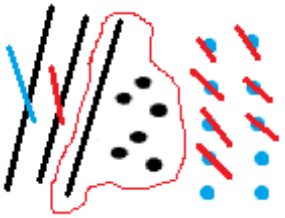
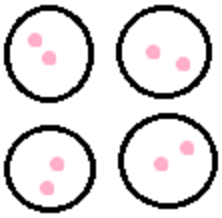
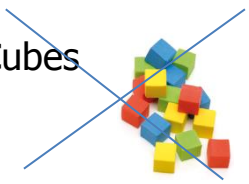
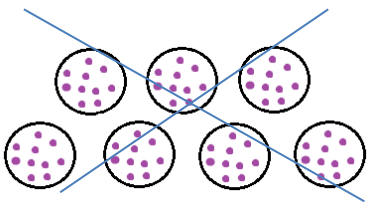
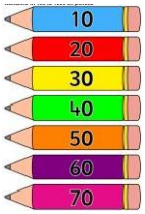
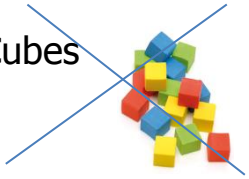
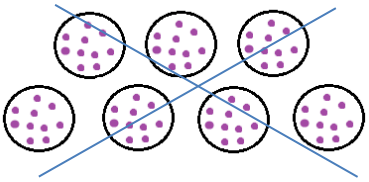
Infant School Calculation Progressions

Addition:	**C**oncrete	**P**ictorial	**A**bstract
6 + 3	Cubes  Number lines 	Draw objects 	Hold 6 in your head and + 3 fingers 
21 + 6	Dienes  100 squares 	Draw the Dienes 	Hold 21 in your head and + 6 fingers 
33 + 22	Dienes  100 squares 	Draw the Dienes 	30 + 20 = 50 3 + 2 = 5 50 + 5 = 55
Subtraction:	**C**oncrete	**P**ictorial	**A**bstract
7 - 2	Cubes  Number lines 		Hold 7 in your head and - 2 

Infant School Calculation Progressions

35 - 3	Dienes  100 squares 		Hold 35 in your head and – 3 fingers 
43 - 21	Dienes  100 squares 		40 – 20 = 20 3 – 1 = 2 20 + 2 = 22
36 – 17	Dienes  100 squares 		36 – 17 30 – 10 = ~~20~~ 10 16 – 7 = 9 10 + 9 = 19
Multiplication:	**C**oncrete	**P**ictorial	**A**bstract
4 x 2	Cubes 		Counting in 2s 
7 x 10	**Don't do this!** Cubes 	**Don't do this!** 	Count in 10s seven times 

Infant School Calculation Progressions

Division:	**C**oncrete	**P**ictorial	**A**bstract
8 ÷ 2	Cubes 		Counting in 2s 
50 ÷ 10	**Don't do this!** Cubes 	**Don't do this!** 	Count in 10s five times 