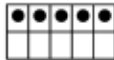
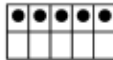
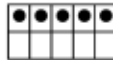




# Highfields Primary School

## Progression In The Use of Manipulatives

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Real-life objects	Real-life objects	Real-life objects				
0-9 digit cards	0 - 9 digit cards	0 - 9 digit cards	0 - 9 digit cards	0 - 9 digit cards	0 - 9 digit cards	0 - 9 digit cards
Number track to 10	Number line to 10, 20 and 50.	Number line to 100	Number line to 100	Number line including negative numbers	Number line including negative numbers	Number line including negative numbers
Numbered counting stick	Counting stick	Counting stick	Counting stick	Counting stick	Counting stick	Counting stick
Tens frame 	Tens frame 	Tens frame 				
	Place value charts - Tens and ones	Place value charts - Hundreds, tens and ones	Place value charts - Thousands, hundreds, tens and ones	Place value charts - Ten thousands, thousands, hundreds, tens, ones and tenths	Place value charts to a million and three decimal places	Place value charts to 10 million and three decimal places
Interlocking cubes - one colour to represent one amount	Interlocking cubes - one colour to represent one amount	Dienes	Dienes	Dienes	Dienes	Dienes
Dice, dominoes	Place value counters Abacus		Place value counters	Place value counters	Place value counters	Place value counters
	Place value arrow cards - tens and ones	Place value arrow cards - tens and ones	Place value arrow cards - H, T, O	Place value arrow cards - Th, H, T, O	Place value arrow cards	Place value arrow cards
Part-part-whole mat	Part-part-whole mat	Part-part-whole mat	Part-part-whole model	Part-part-whole model	Part-part-whole model	Part-part-whole model
	Bar model with real life objects/pictorial objects /counters	Bar model with counters /Dienes progressing to numbers	Bar model with numbers	Bar model with numbers	Bar model with numbers	Bar model with numbers
Bead strings - ten		Bead strings - hundred				Bead strings
Unifix cubes - use one colour to model an amount	Unifix cubes - use one colour to model an amount.	Multilink - use one colour to model an amount	Multilink - use one colour to model an amount	Multilink - use one colour to model an amount	Multilink - use one colour to model an amount	Multilink - use one colour to model an amount