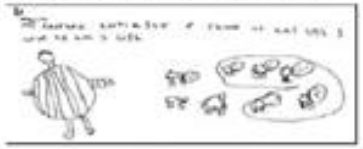
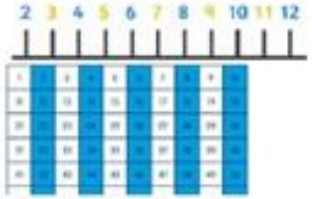
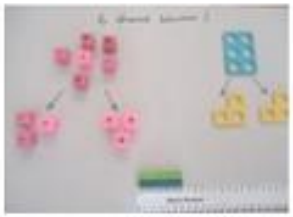
RECEPTION GUIDANCE: ADDITION, SUBTRACTION, MULTIPLICATION and DIVISION

Children are encouraged to develop a mental picture of the number system in their heads to use for calculation.

Reception	Addition	Subtraction	Multiplication	Division
	Progression of Calculation U+U – combining objects 1 more than a given number up to 20. U+U –counting on from a given number Children develop ways of recording calculations using Numicon bead strings, counters, pictures, marks etc.   5 + 1 = 6  Children use number lines (to 10 and beyond) and practical resources to support calculation and teachers demonstrate the use of the number line.  Children experiment with combining different Numicon tiles together to find a total or match another piece. 	Progression of Calculation U-U (take –away) 1 less than a given number U-U (comparison e.g. – 'how many more…'; 'how many less…') Children develop ways of recording calculations using Numicon, pictures, words, fingers, counters etc.    Children use number lines tracks and Numicon shapes to find one less and to support with counting back. Teachers demonstrate the use of the number line.  Children use objects and Numicon to help them compare objects and to say how many more or less.	Progression of Calculation Counting in 2s and 10s Beginning to double single-digit numbers. Children will experience equal groups of objects using counting equipment, Numicon, Cuisenaire etc.    Children begin to record doubles.  Children use songs, games and real life contexts to count in repeated groups of the same size (2s, 10s). Children use number squares, tracks to begin counting in groups  	Progression of Calculation Creating equal groups of a set of objects. Sharing a set of objects Children will understand equal groups and share items out in play and problem solving.  Explore sharing into equal groups and sets with counting equipment, Numicon, Cuisenaire. 

RECEPTION GUIDANCE: ADDITION, SUBTRACTION, MULTIPLICATION and DIVISION

Children are encouraged to develop a mental picture of the number system in their heads to use for calculation.				
Reception	Addition	Subtraction	Multiplication	Division
Key Language	Add Total Sum More Make	Take Away Fewer Equal to/equals Less Difference Left Over Between	Double	Share Halving
Key Resources	Numicon Counting Equipment Bead Strings Number Lines	Bead Strings Number lines Counting equipment		