Toftwood Federation CPA progression

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	Numicon (C) Base 10 (C) Hungarian Frames (C) Ten Frames (C) 2 sided counters (C) Cubes (C) Number line (one more/one less) (C) Part-Part Whole (C) Fingers (C)	Numicon (C) Base 10 (C) Hungarian Frames (C) Ten Frames (C) Number line (one more/one less) (C) Fingers (C)	Numicon (C) Base 10 (C) Base 10 (P) Number lines (more than, less than) (C) Part-whole model (P) Fingers (C)	Numicon (C) Base 10 (C) Counters (C) (P) Place value charts (C) (P) Part-whole model (P) Counters (C) (P)	Numicon (C) Base 10 (C) Counters (C) (P) Place value charts (C) (P) Decimal counters (C) (P) Part-whole model (P)	Numicon (C) Base 10 (C) Counters (C) (P) Place value charts (C) (P) Decimal counters (C) (P) Part-whole model (P)	Numicon (C) Base 10 (C) Counters (C) (P) Place value charts (C) (P) Decimal counters (C) (P) Part-whole model (P)
Addition	Numicon (C) Ten Frames (number bonds) (C) Cubes (C) Fingers (C)	Numicon (C) Base 10 (C) Base 10 (P) Hungarian Frames (C) Fingers (C)	Numicon (C) Base 10 (C) Base 10 (P) Column (A) Fingers (C)	Numicon (C) Base 10 (C) 100 square (P) Number lines (P) Counters (C) (P) Formal written method (A) Cubes (C)	Numicon (C) Base 10 (C) 100 square (P) Number lines (P) Counters (C) (P) Formal written method (A)	Numicon (C) Base 10 (C) Number lines (P) Counters (C) (P) Formal written method (A)	Numicon (C) Base 10 (C) Counters (C) (P) Formal written method (A)
Subtraction	Numicon (C) Cubes (C) Fingers (C)	Base 10 (C) Base 10 (P) Numicon (C) Fingers (C)	Base 10 (C) Base 10 (P) Numicon (C) Fingers (C)	Base 10 (C) Numicon (C) 100 square (P) Number lines (P) Counters (C) (P) Formal written method (A)	Base 10 (C) Numicon (C) 100 square (P) Number lines (P) Counters (C) (P) Formal written method (A)	Base 10 (C) Numicon (C) Number lines (P) Counters (C) (P) Formal written method (A)	Base 10 (C) Numicon (C) Counters (C) (P) Formal written method (A)

				Cubes (C)			
Multiplication	Numicon (C) Fingers (C) Dots (C)	Numicon (C) Fingers (C) Arrays (P) Repeated Addition (A) Multiplication Facts (A)	Numicon (C) Fingers (C) Arrays (P) Cubes (C) Repeated Addition (A) Multiplication Facts (A)	Numicon (C) Fingers (C) Arrays (P) Base 10 (C) Bar model P Cubes C Multiplication square (C) Repeated addition A Formal method A	Numicon (C) Fingers (C) Arrays (P) Base 10 (C) Multiplication square (C) Formal written method (A)	Numicon (C) Fingers (C) Arrays (P) Base 10 (C) Multiplication square (C) Formal written method (A)	Numicon (C) Base 10 (C) Multiplication square (C) Formal written method (A)
Division	Cubes (C) Objects (e.g. teddies) (C)	Cubes (C) Objects (e.g. teddies) (C) Crosses (P)	Cubes (C) Crosses (P) Multiplication Facts (A)	Cubes (C) Multiplication square (C) Formal written method (A) Bar Model (P) Numicon (C)	Multiplication square (C) Formal written method (A)	Multiplication square (C) Arrays (P) Formal written method (A)	Multiplication square (C) Arrays (P) Formal written method (A)
Fractions	(Doubling) Fingers (C) Numicon (C) Dots (C)	Cubes (C) Bar Model (P)	Cubes (C) Bar Model (P)	Fraction Cubes (C) Bar Model P Fraction Tiles (C) Fraction circles (C) Number lines (P) Fraction Wall charts (P) Numicon (C)	Fraction cubes (C) Bar models (P) Fraction bar models (C) Tens frames (C) Fraction wall tiles (C)	FDP counters and cubes (C) Bar models (P) Fraction bar models (C) Formal written methods for addition, subtraction, multiplication and division of fractions (A)	FDP counters and cubes (C) Bar models (P) Fraction bar models (C) Formal written methods for addition, subtraction, multiplication and division of fractions (A)