Phase 1: Number and Algebra with identified "worry point" if not achieved during the progress.

Must achieve during first six months	Must achieve during first year	Must achieve during second year	Progress outcome by end of year 3 Number & Algebra
instantly recognise the total number of objects in a group up to 6	recognise instantly the total number of objects in two patterns, each of up to 5 objects	partition a pattern of up to 10 objects, instantly recognise the number of objects in each part of the patterns and confirm the total in the pattern using the parts.	recognise, read, write & order whole numbers up to 10 000 group partition and recombine whole numbers up to 1000
	partition and recombine sets of up to 10 in different ways. recognise and represent in different ways, including in te reo Maori the tens and ones structure of teens numbers	group, partition and recombine whole numbers up to 100	
join and separate groups of of up to 10 objects and find the result by grouping and counting	join and separate groups of up to 20 objects, and find the difference by grouping and counting	add and subtract numbers up to 100 by grouping and using number patterns	add and subtract two and three digit numbers recall addition facts to 20 and their corresponding subtraction facts use additive identity (0) and commutative property
	multiply and divide by making equal groups and using grouping or counting	multiply and divide by grouping and using number patterns	multiply two single digit numbers or multiply a single digit and a two digit number divide whole digit numbers with a single digit divisor and no remainders recall multiplication and corresponding division facts for 2s, 5s and 10s use multiplicative identity (1) and commutative property.
	recognise and represent in different ways, halves and quarters of sets and regions	recognise relationships between fractions (half = 2 quarters). Find a half, quarter or third of a set by recognising groups and patterns rather than sharing by ones.	recognise, read, write and order halves, thirds, quarters, fifths, sixths and eighths find a unit fraction of a whole (region, measurement or set of objects) and add unit fractions with like denominators
		show that in an equation, both sides of the equal sign represent the same quantity.	solve true and false number sentences and open number sentences
copy, continue, create and describe a repeating pattern with two elements	copy, continue, create and describe a repeating pattern with 3 elements, and identify the missing elements in a pattern.	use both the unit of repeat and the ordinal position (1st, 2nd, 3rd) of a repeating pattern to predict further elements	find another element of a pattern given part of it describe a rule that explains how a pattern works follow, and create patterns from rules or simple algorithms