

Northern Territory — Number Strand

Strand Statement	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
	UMI Level 1	UMI Levels 1 - 3	UMI Levels 5-6	UMI Levels 7-8	UMI Levels 8-9	UMI Levels 9-10
<p>The Number strand focuses on number concepts and notation, number patterns and number skills. In addition, the strand is about the development of number and computation in various cultures, the significance of the <i>idea</i> of number and the significance of the development of number notations. In this strand, students also learn successively more efficient computing strategies.</p>	<p>Students count and use number to order things. They use a variety of strategies to mentally solve questions.</p>	<p>Students count numbers with at least 2 digits and estimate collections up to a size of 20. They understand everyday fractions of 1. They understand addition and subtraction. They subtract 2-digit numbers using a variety of methods. They have a basic understanding of multiplication and division.</p>	<p>Students work with large whole numbers and extended number patterns. They apply fractional and decimal quantities. They remember and apply mentally basic addition facts up to $10 + 10$. They remember many basic multiplication facts and can use mental methods. They link multiplication and division.</p>	<p>Students use common fractions and order decimals with equal numbers of places. They understand multiplication. They recall and apply all four operations with whole numbers mentally. They add and subtract numbers with equal decimal places and multiply and divide whole numbers and decimals by single digit numbers.</p>	<p>Students move easily between various ways of representing numbers and quantities. They order decimals with unequal numbers of decimal places. They understand multiplication and division. They use a range of mental strategies for operations on whole numbers and common and decimal fractions.</p>	<p>Students interpret whole powers, roots and scientific notation. They use negative numbers and ratios to describe the relationships between quantities. They apply number patterns and relationships between number. They use common fractions and percentages; they know common equivalence and can use these to calculate percentages mentally.</p>