

Tasmania — Number Strand

Understand number by:	Standard 1	Standard 2	Standard 3	Standard 4	Standard 5
	UMI Level 1	UMI Levels 1 - 3	UMI Levels 5-6	UMI Levels 7-8	UMI Levels 8-9
counting; ordering; estimating; calculating; and relating whole or part quantities.	Understands that mathematical language and ideas can be used to describe many situations. Do counts of collections	Understands how to purposefully use and explain informal ways of thinking and acting mathematically. Use number concepts and counting strategies	Understands how to explore more effective ways of thinking and acting mathematically in familiar situations. Commit some number relations to memory, based on understanding of mental strategies, and use a range of mental processes for calculating, as well as ideas of place value.	Understands how to consistently select and justify effective mathematical strategies and choose the most effective strategy for solving problems. Recall relevant number relations and choose personally effective techniques for calculations with whole and part quantities.	Understands how and when to use mathematical ideas effectively and critically when solving problems. Use personally effective techniques for estimating and dealing with whole numbers, fractions, decimals and percentages.