

# 1.4 Sequences

At the end of this outcome I should...	I can do	Revised
1.4.1 know the terms: sequence, $n$ th term, limit as $n$ tends to $\infty$	<input type="checkbox"/>	<input type="checkbox"/>
1.4.2 use $u_n$ notation for the $n$ th term of a sequence	<input type="checkbox"/>	<input type="checkbox"/>
1.4.3 define and interpret recurrence relations of the form $u_{n+1} = mu_n + c$	<input type="checkbox"/>	<input type="checkbox"/>
1.4.4 know condition for limit of sequence from recurrence relation to exist	<input type="checkbox"/>	<input type="checkbox"/>
1.4.5 find (where possible) and interpret the limit of a sequence resulting from a recurrence relation in a mathematical model	<input type="checkbox"/>	<input type="checkbox"/>