

Term 3**Year 9 APP****Level 7-8**

You will need to use the school's unique login and password to access mymaths activities. Your child will know this but please contact the maths team at school if you require further support using mymaths.

Assessment Criteria		Mymaths resources (where available)
C8.2	I can use the laws of indices for multiplication and division I can convert between 'ordinary form' and standard form and use the standard form function on a scientific calculator	Mymaths lesson: standard form large Mymaths lesson: standard form small Mymaths lesson: standard form calculations Mymaths lesson: surds Mymaths lesson: laws of indices
A7.5	I can find the nth term and the next 2 terms of a quadratic sequence e.g. <i>-3, 0, 5, 12, 21, ... and 1/2, 1/6, 1/12, 1/20, ...</i>	Mymaths lesson: quadratic sequences
A7.6	I can plot the graphs of simple quadratic and cubic functions $y = x^2$, $y = 3x^2 + 4$, $y = x^3$	
A8.4	I can substitute into expressions and formula, fractions, decimals and negative numbers	
A8.6	I can sketch, identify and interpret graphs of linear, quadratic, cubic and reciprocal functions, and graphs that model real situations	Mymaths lesson: reciprocal graphs Mymaths lesson: recognising graphs Mymaths lesson: sketching quadratics
A8.7	I can understand the effect on a graph of addition of (or multiplication by) a constant e.g. <i>Given the graph of $y=x^2$ I could use it to help sketch the graphs of $y=3x^2$ and $y=x^2+3$</i>	