

**Unit Title:** Using Algebra And Graphs  
**Unit Level:** Level 2  
**Unit Credit Value:** 3  
**GLH:** 24  
**LASER Unit Code:** WJD539  
**Ofqual Unit Code:** D/505/4036

This unit has 3 learning outcomes.

LEARNING OUTCOMES		ASSESSMENT CRITERIA	
The learner will:		The learner can:	
1.	Be able to use indices and standard form.	1.1	Recognise the use of indices to represent powers and roots.
		1.2	Evaluate numbers expressed in index form.
2.	Be able to use algebraic expressions and equations.	2.1	Use letters to represent variables.
		2.2	Match expressions in words and symbols.
		2.3	Convert expressions in words into expressions in symbols and vice-versa.
		2.4	Recognise linear sequences and find an expression for the nth term.
		2.5	Construct algebraic expressions.
		2.6	Create linear equations from problems stated in words or diagrams.
		2.7	Solve linear equations.
		2.8	Solve equations using trial and improvement methods.
3.	Be able to construct graphs describing real life situations.	3.1	Extract information accurately from graphs including those with points in all four quadrants.
		3.2	Construct graphs using appropriate scales, plotting points accurately, including those with points in all four quadrants.
		3.3	Construct graphs of linear equations.
		3.4	Solve linear simultaneous equations using graphical methods.
		3.5	Construct graphs describing real-life situations.

**Assessment Guidance:**

NA

**Additional Information:**

NA