

**Unit Title:** Using Mathematics: Personal And Public Life  
**Unit Level:** Level 3  
**Unit Credit Value:** 6  
**GLH:** 30  
**LASER Unit Code:** WJB402  
**Ofqual Unit Code:** A/503/4859

This unit has 4 learning outcomes.

LEARNING OUTCOMES		ASSESSMENT CRITERIA	
The learner will:		The learner can:	
1.	Be able to interpret mathematical situations in personal and public life	1.1	Explain the role of models in representing mathematical situations
		1.2	Analyse situations to interrogate for mathematical information and problems in personal and public life
		1.3	Select mathematical methods, operations and tools to extract mathematical information from problem based contexts in personal and public life
2.	Be able to process mathematical problems in personal and public life	2.1	Analyse mathematical procedures for efficiency and effectiveness
		2.2	Examine linear and non-linear mathematical patterns in personal and public life
		2.3	Change values and assumptions when investigating mathematical situations in in personal and public life
		2.4	Use extended logic and multi-step structured processes to find mathematical solutions in personal and public life
3.	Be able to analyse mathematical findings from personal and public life	3.1	Analyse the effect of accuracy on the reliability of mathematical findings in personal and public life
		3.2	Interrogate mathematical conclusions for errors or misconceptions
		3.3	Interpret findings to draw conclusions in personal and public life
4.	Be able to use mathematical communication in personal and public life	4.1	Select mathematical language for debate in personal and public life
		4.2	Select mathematical communication techniques to suit audience
		4.3	Present mathematical processing and analysis
		4.4	Describe findings using mathematical communication skills in personal and public life

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<b>Assessment Guidance:</b>
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NA
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<b>Additional Information:</b>
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