



# Maths for Living, MFL111

## 2009

### **Aims/General Learning Outcomes**

- To encourage a positive attitude to mathematics and improve basic numeracy skills
- To apply mathematics in real life situations
- To develop effective problem solving skills

### **Course Content**

1. Number - mental arithmetic, fractions, decimals, percentages, ratios, proportion,
2. Algebra – substitution, solving equations
3. Measurement – taking measurements and solving measurement problems
4. Geometry – transformations, angles, parallel lines, polygons
5. Statistics – investigations, reports

### **Assessment Details**

All assessments are internal unit standard assessments. Specific details of the requirements for each unit standard assessment will be given closer to the time of the assessment. All assessments are written tasks except for measurement standards 8492 and 5228 which have practical elements as well as written parts.

### **Equipment**

You will need a scientific calculator which you must bring to class and to assessments except US8489.

### **Appeals**

Any queries about an assessment decision should be made to your class teacher when the assessment is handed back. Any formal appeals should be made, **within one week** of the assessed work being returned to the Head of Department, Mrs Bull, or the Principal's Nominee, Ms Lynch term 1 and Mrs Butler terms 2, 3 and 4, who will investigate it further.

Work done in pencil or which has 'white-out' corrections cannot be reconsidered for appeals. Appeals need to be made within one school week of receiving a result.

### **Further assessment opportunities**

There will be an opportunity for one formal reassessment for each unit standard assessment task.

Where a reassessment opportunity is offered it will be available to all eligible students regardless of the level of achievement in the first assessment.

**MATHS FOR LIVING MFL111**  
**Learning and Assessment Programme 2009**

<b>Term 1</b>		<b>Unit Standard</b>	<b>Credits</b>	<b>Result</b>
Weeks 1 - 4	Number – Solve problems which require calculation with whole numbers	US8489 v3	2	
Weeks 5 - 7	Number – Solve problems using calculations with numbers expressed in different forms	US8490 v3	2	
Weeks 8 - 10	Number – Read and interpret information presented in tables and graphs	US8491 v3	2	
<b>Term 2</b>				
Weeks 1 - 3	Measurement – Use standard units of measurement	US8492 v4	3	
Weeks 4 - 7	Measurement – Take measurements and use calculations to solve measurement problems Taking measurements and solving problems	US5228v4	3	
Weeks 8 - 10	Algebra – Use formulae and equations to solve problems	US5223 v3	2	
<b>Term 3</b>				
Weeks 1 - 3	Number – Use fractions, ratio and proportion to solve problems	US5225 v4	2	
Weeks 4 - 6	Probability – Determine probabilities in practical situations	US5232 v3	2	
Weeks 7 - 10	Geometry – Use geometry to describe situations and solve problems	US5229 v3	2	
<b>Term 4</b>				
Weeks 1 - 4	Statistics – Carry out a statistical investigation and interpret data	US5230 v4	3	
Weeks 5 - 6	Reassessments			