

## Skills for Life Improvement Programme

What Mathematics Do Your Students Need?		
Minimum Core Topics	Used in Class	Used in Assessment
<b>Examples</b>		
<i>Example (1) name of course</i> Using basic calculations		Calculating how many pages a 2000 word assignment will be
<i>Example (2) name of course</i> Recognise, name and describe shapes and solids	Knowing names of shapes for set design	
<b>Numbers and numeric understanding</b>		
Using basic calculations <i>Addition, subtraction, multiplication, division</i>		
Using percentages and fractions <i>50% ½ 0.5</i>		
Estimation and approximation <i>'short cuts', mental maths methods</i>		
<b>Measurement, geometry and spatial awareness</b>		
Measuring length, area, and volume <i>Converting units</i>		
Describe and measure and use angles <i>90°, bearings</i>		
Recognise, name and describe shapes and solids <i>Rectangle, cube, parallel</i>		
Use scale <i>Maps, plans, design layout</i>		

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Statistics		
Use probability <i>Chance, uncertainty, risk</i>		
Design surveys and write questionnaires <i>Sample, open / closed questions</i>		
Read and interpret tables of data and statistics <i>Budgets, population statistics</i>		
Create and interpret charts, diagrams and graphs <i>Bar charts, pie charts</i>		
Interpret trends and links in sets of data <i>Financial outcomes, changing structure of a course</i>		