

NATIONAL 4 LIFESKILLS MATHS SKILLS

By the end of the course you should be able to:

Skill			
	NS	OT	VG
Financial skills			
Determine a financial position, given budget information (MF&S)			
Investigate factors effecting income (MF&S)			
Determine the best deal given two pieces of information (MF&S)			
Convert between currencies (MF&S)			
Investigate the impact of interest rate on saving and borrowing (MF&S)			
Statistical Skills			
Use statistics to investigate risk (MF&S)			
Use and present statistical information in diagrams (MF&S)			
Use diagrams to illustrate data (MF&S)			
Compare data sets using mean and range (MF&S)			
Construct a frequency table (MF&S)			
Construct a scattergraph (MF&S)			
Draw a best fitting line on a scattergraph (MF&S)			
Measurement Skills			
Solve a basic problem in time management (G&M)			
Calculate a quantity based on a related measurement (G&M)			
Construct a scale drawing with a given scale (G&M)			
Plan a basic navigation course (G&M)			
Measure in millimetres (G&M)			
Carry out container packing using a first-fit algorithm (G&M)			
Understand tolerance in a measurement (G&M)			
Geometric Skills			
Find the gradient of a slope (G&M)			
Find perimeter and use it in calculations (G&M)			
Find area and use it in calculations (G&M)			
Find volume and use it in calculations (G&M)			
Solve a problem using Pythagoras' theorem (G&M)			
Use a scale factor to expand or reduce a shape (G&M)			
Numerical Skills			
Select and use appropriate notation and units (N)			
Select and carryout appropriate calculations (N)			
Record measurements to the nearest division (N)			
Interpret measurements and calculations, and make decisions (N)			
Explain decisions and give reasons based on measurements or calculations (N)			
Extract and interpret data from graphs and charts (N)			
Make and explain decisions based on data (N)			
Make and explain decisions based on probability (N)			