National 5 Mathematics   Core Skills   Non-Calculator

	Likely Marks
• BODMAS	2
• Fractions	2
• Simple Indices	2
• Expand Brackets/Factorise	2-3
• Change of Subject	3
• Simultaneous Equations	4-6
• Simplify Surds	2-3
• Angles in Circles	3
• 3D Coordinates	2
• Vectors	3
• Add/Simplify Algebraic Fractions	3
• Finding the Equation of a Straight Line	3-4
• Using the Discriminant	3
• Completing the Square	2

Total: @35 marks

Extension Material

• Quadratic Graphs	3
• Trigonometric Graphs	2-3
• Trigonometric Identities	2-3
• Creating and Solving Algebraic Equations	3+
• Evaluating Indices	2
• Rationalise Surds	2

National 5 Mathematics   Core Skills   Calculator

	Likely Marks
• Compound Interest/Repeated % application	3
• The Quadratic Equation	4
• Standard Deviation (or Box Plots and SIQR)	6
• Standard form	3
• Similarity	3-4
• Area of a Triangle	3
• Applying Sine/Cosine Rule	4
• Arc Length/Area of a Sector	3-4
• Volume	3-4
• The Circle – Pythagoras questions	4

Total: @ 36 marks

Extension Material

• Reverse Volume	3-4
• Reverse Arc Length/Area of Sector	3-4
• Reverse Percentage	3
• Solving Trigonometric Equations (CAST)	3-4
• Creating and Solving Quadratic Equations	4+
• Trig with Bearings or Trig Twice questions	4+