

Ullapool High School

S5/6 National 5 Maths Course Outline

May – June

- Rounding
- Surds
- Indices
- Standard form
- Expanding Brackets

August-October

Test on topics covered so far

- Factorising
- Completing the square
- Algebraic fractions
- Gradients
- Circles- arcs and sectors
- 3D solids – volume and surface area

Test on topics covered so far

- The straight line
- Functions
- Equations and inequations
- Simultaneous linear equations

October-December

- Changing the subject of a formula
- Quadratic functions and graphs
- Properties of shapes
- Pythagoras' theorem

Test on topics covered so far

- Similarity
- Trigonometric functions
- Triangle trigonometry

January-April

- revision

Prelims

- Vectors
- Percentages
- Fractions
- Statistics
- Course revision

Term 4: April-study leave

- Course revision

We use the Zeta Maths National 5 textbook. Excellent free resources to supplement this learning at home can be found at <https://www.national5maths.co.uk/>