

2020 National 5 Maths Revision Course – Schedule

Monday 30th March, 13:00 – 15:30

Algebraic Operations

Expanding brackets

Factoring a trinomial

Changing the subject of the formula

Simplifying algebraic fractions

Combining algebraic fractions

Simplifying surds

Rationalising fractions

Evaluating fractional powers

Tuesday 31st March, 13:00 – 15:30

Equations & Inequations

Linear equations

Equations with fractions

Inequations

Simultaneous equations

Arc length & sector area

Comparing distributions

Wednesday 1st April, 13:00 – 15:30

Straight Line Graphs

Calculating the gradient

Finding the equation from two points

Finding the x and y intercept

Quadratic Functions

Solving quadratic equations

Using the discriminant

Finding roots of a quadratic graph

Finding the turning point of a quadratic graph

Finding the axis of symmetry

Thursday 2nd April, 13:00 – 15:30

Trigonometric Equations

The CAST method

Solving trigonometric equations

Solving for negative values

Transforming Trigonometric graphs

Sine and Cosine Rule

Sine rule

Cosine rule

Questions involving bearings

Area of a triangle