

2020 Higher Maths Revision Course – Schedule

Monday 6th April, 10:30-13:00

Differentiation

The Power Rule Review

The Chain Rule

Derivatives of Trig Functions

Chain Rule for Trig Functions

Gradients of Tangents

Stationary Points

Optimization

Rates of Change

Tuesday 7th April, 10:30-13:00

Integration

The Power Rule Review

The Reverse Chain Rule

Integrating Trig Functions

Area under a Curve

Area between Curves

Finding + C

Wednesday 8th April, 10:30-13:00

Polynomials

Quadratics review

Using the discriminant

Polynomial factors

Factors & graphs

Trigonometry

Using the CAST method

Degrees & radians review

Solving in degrees & radians

Equations with double angles

The Wave Function

Thursday 9th April, 10:30-13:00

Exponential & Logarithmic Functions

Switching between logs and exponentials

Properties of Logarithms

Solving exponential / logarithmic equations

Vectors

Parallel vectors & collinear points

Angle between vectors