

## Revision List Year 13 December Mock

### Pure

- Binomial expansion
- Coordinate geometry (circles)
- Cubic graphs
- Differentiation
- Discriminant
- Functions, domain, range
- Mathematical modelling (logs and exponentials)
- Modulus graphs
- Proof
- Quadratic graphs (modelling)
- Quadratics
- Radians & sectors
- Recurrence relations
- Sequences and series (logs)
- Sequences and series (modelling)
- Small angles
- Trigonometric identities
- Trigonometry

### Applied

- All of year 12 (stats and mechanics)
- Regression, correlation and hypothesis testing
- Conditional probability
- Normal distribution
- Moments