

Year 11 Maths Preview Sheet

Exam Board: Edexcel

Syllabus: 1MA1

Module 1

- Collecting data
- Cumulative frequency, box plots and histograms
- Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics
- Circle theorems
- Circle geometry

Module 2

- Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof
- Vectors and geometric proof
- Reciprocal and exponential graphs; Gradient and area under graphs
- Direct and inverse proportion

Modules 3 – 4

Revision of the year