# Airdrie Academy



## Mathematics Department

#### Summer Preparation booklet for Higher Maths:

**Notes to Students:**

This booklet is designed to encourage all pupils embarking on the Higher Maths course to revise key aspects of National 5 Maths that are essential knowledge for Higher. Namely:

* Indices and Surds
* Factorising
* Quadratic Theory
* Functions
* Algebraic Fractions
* Straight Line
* Solving Equations and Inequalities involving Fractions
* Expanding Brackets

It is expected that students be fully confident in the above topics before embarking on the Higher Maths course. Answers for self-checking purposes can be found at the back of this booklet.