



# Sturminster Newton High School

## Sixth Form

## Mathematics

### Independent Study Guide

#### Key resources:

'Edexcel A level Mathematics: Pure Mathematics' Text book

'Edexcel A level Mathematics: Statistics and Mechanics' Text book

#### Key learning strategies:

The single most effective thing you can do with your time in order to improve at maths is to ***complete lots of practise questions***. The textbook has question banks on every topic as well as mixed exercises at the end of each chapter. Make sure that you check your answers, and always return to questions that you got wrong to make sure you have understood why and have learnt from it.

#### What to do if you are stuck:

It is essential that you are proactive in addressing gaps in your knowledge and you can do this by:

- Reading and working through the examples in the textbook.
- Finding worked explanations online using sites such as MyMaths and Youtube.
- Coming and speaking to a member of the maths team. (Usually the most effective approach).

#### Additional support:

Please come and see Mr Findlay in the first instance to arrange for additional support for any aspect of the course. We are always happy to arrange mutually convenient times to give you any additional support you need.

#### Things to do in study time:

1. Complete homework.
2. Do the mixed exercises from chapters covered earlier in the course.
3. Compile and test yourself on the formulae and facts you need to know (K.I.P.)