

# Preparing for A Level Maths and Further Maths – Advice from HLS Maths Department

## Trial Exams – Maths

Paper 1 – Pure – 120 minutes

## Trial Exams - Further Maths

Paper 1 – Core Pure – 90 minutes

Paper 2 – Further Stats – 60 minutes

Paper 3 – Decision – 90 minutes

## Key Exam Dates (Summer)

### Maths

Paper 1 – Pure – 2 hours – 6 June

Paper 2 – Pure – 2 hours – 13 June

Paper 3 – Applied – 2 hours – 20 June

### Further Maths

Paper 1 – Core Pure 1 – 25 May

Paper 2 – Core Pure 2 – 5 June

Paper 3 – Further Stats 1 – 16 June

Paper 4 – Decision 1 – 23 June

## Revision classes

Friday Drop In – After school – SF04/05 –

Bring any questions you have

Tuesday After School – SF10 with Miss Blakeman

## Dr Frost Maths

You can use DFM to help you revise. If you log in and click on the courses section then the whole A Level course is available.

The best way to **improve** in maths is to **do** maths.

Complete as many questions as you can – Text Books, Dr Frost, Maths Genie and Past papers are all very useful

## How do I prepare for my trial exams?

We will not be giving exact guidance, as we can't do this for the real exam but you should make sure you revise the key topics that are always examined. These include:

Differentiation, Trigonometry, Logarithms, Integration (Year 12 only), Functions, Algebra skills, Graphs, Problem Solving and Modelling, Proof, Parametric Equations.

### Make sure you know:

Trig identities	
Rules for transformations of graphs	
Different shapes of graphs	
Key differentiation skills	
Key integration skills	

## What happens after the Trials?

*You will be taught the remaining topics and will complete many past papers*

## How do I know which topics to do extra practice on?

Use your Purple Analysis Sheets – these are in your book from your trial exam and formal tests

## Where can I find extra practice questions?

- <https://www.physicsandmathstutor.com/> - There are exam question booklets, past papers, and solutions.
- <https://www.mathsgenie.co.uk/newalevel.html> - Graded exam question booklets and answers
- Use key skills on Dr Frost Maths

Not sure what to revise – work through the Dr Frost KS5 Key skills