

A level Mathematics CPD - An introduction to Further Pure 1 (FP1)

This 2-day course is suitable for teachers who have not taught FP1 or those who have taught some aspects of it but would like to gain a deeper understanding of the concepts. Teachers with a lot of experience of FP1 will still almost certainly find some original teaching tips and ideas for motivating and enriching FP1 within the course.

The emphasis over the two days is on the following, for all specifications (MEI, OCR, AQA and Edexcel):

- subject content
- teaching advice and tips (including the use of interactive ‘Standards Unit’ type resources.
- motivating students (particularly through real world applications of FP1 content)
- enriching FP1
- use of ICT to teach FP1
- FP1 examination technique.

Prior Knowledge expected

No prior knowledge will be expected but certain underlying techniques will be covered very quickly. This means that prior knowledge of the following will be very useful for course participants

- matrix multiplication
- sigma notation
- basic arithmetic of complex numbers
- asymptotes from C1 – C4
- polynomials from C1 – C4.

By covering the above topics very quickly more time can be spent discussing teaching approaches to deeper material within the module.