



Numerical Methods for A level Mathematics

Online

Self-paced study

Overview

This is an On Demand Professional Development course designed to support teachers offering the pure maths components of A level Maths.

The course comprises 2 'pods'; an extensive one covering approximating solutions of equations and a shorter topic on numerical integration.

In each pod, teachers will see short videos guiding them through the ideas of the topic along with practice materials, triggers for reflection and suggestions for further study. Teachers will be encouraged to interact and collaborate with others studying the same material via the online forums. An expert tutor will be monitoring the forums and will respond to queries.

The course offers total flexibility regarding when teachers can access the materials, day or night, over a period of up to one year. Teachers will be able to track their progress within the course and to see when they have completed a section, a pod or a full course.

Aims

- To introduce teachers to the techniques in the numerical methods section of the A level Maths course
- To provide opportunities to reflect on subject content, resources and teaching ideas and to discuss these with other teachers via the course forums.

Who will benefit from attending?

Teachers of A level Maths.

Content

- Approximating solutions of equations
- Numerical integration

Materials and Equipment

Internet connection with capability to watch video. Access to spreadsheet software.

Cost

ODPD is free of charge and is only available to teachers in state-funded schools and colleges in England.

Key Facts

Event ref:	#5589
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Pure
Event format:	On Demand Professional Development
Region:	National
Date:	Self-paced study
Fee:	Free

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/5589>