

# Embedding Technology in Level 3 Maths

## Work Group Information Sheet

NCP 19-22



## Overview

The linear A level requires that the use of technology 'permeates' the study of mathematics. This Work Group, run in partnership with the Advanced Maths Support Programme (AMSP), will explore practical approaches for integrating technology in the A level Mathematics (or Further Mathematics) curriculum. Participants will explore where, when and how to use technology to enhance students' learning, understanding and experience, and will develop their own technology skills. The underlying theme of each Work Group is to develop participants as technology champions in their own departments.

### Who is this for?

Teachers of A level Mathematics and Further Mathematics or Core Maths, and especially those wishing to develop the use of technology in A level teaching with others in their department.

This project is not designed to focus on developing new technology skills for beginners from scratch.

### What is involved?

6 Twilight face-to-face workgroup sessions on the following dates:

- 16/10/19
- 04/12/19
- 05/01/20
- 11/03/20 \* date may change – we will confirm date at 1<sup>st</sup> meeting
- 13/5/2020 \* date may change – we will confirm date at 1<sup>st</sup> meeting
- 15/07/20

Completion of three gap tasks throughout the year.

## Intended Outcomes

Participant teachers will increase their confidence to further develop their own technology skills and further embed the appropriate and effective use of technology in their lessons. Colleagues in the participant teachers' schools will benefit from this increased confidence and knowledge through the technology champion role.

The opportunities to use technology within CPD for maths teachers at participant schools will also be enhanced through the technology champion role. As a result of these developments, students in participant schools will, through increased and improved use of technology, develop improved conceptual understanding and engagement with mathematics.

### **Expectations of participants and their schools**

Attendance of all face-to-face sessions and completion of Gap Tasks. Completion of all required evaluation activity.

### **Funding**

This Work Group is free to participants and run in partnership with the Advanced Maths Support Programme.

### **Who is leading the Work Group?**

Dr Tom Bennison and Dr Ed Hall

### **If you're interested, what next?**

Please request a place by [completing this form](#).