



Developing Pedagogy In A Level Maths



This Work Group is free to participants and is run in partnership with the Advanced Maths Support Programme. It aims to improve the teaching of AS and A level mathematics in participating schools, particularly in response to the demands of the reformed courses.

Participating leaders of A level teaching or experienced teachers will develop their practice to effectively plan sequences of lessons which meet the requirements of the new A level, raise awareness in students of the links between mathematical topics within the new A level content, and support colleagues in their own schools/colleges in embedding themes from the course in their planning and delivery of new A level teaching.

The Work Group will consist of 2 full days (09.30 – 15.00) and four twilight sessions (16.30 – 18.30), each addressing a different pedagogical aspect of the courses.

The content of the twilights will be in response to areas of development that participants identify in the first full-day session. These might include some of the following:

- **Developing problem solving**
- **Retrieval practice**
- **Direct instruction**
- **Communicating mathematically**
- **Modelling**
- **Flipped learning**

Audience: This course is targeted at Heads of Department, 2 i/cs, Key Stage 5 Coordinators, or any teacher with an ability to lead change within their departments at Key Stage 5 in the London SW Maths Hub region

Expectations: Participants would be expected to attend all sessions, undertake gap tasks that address the focus of each session and contribute to Work Group evaluation processes.

Gap tasks between the workshops will include lesson study, allowing wider department participation in the professional development.

- **Full Day 1: Tuesday 3rd December, 2019 – Department self-evaluation & problem solving**
 - **Twilight 1: Tuesday 28th January, 2020**
 - **Twilight 2: Tuesday 25th February, 2020**
 - **Twilight 3: Tuesday 24th March, 2020**
 - **Twilight 4: Tuesday 21st April, 2020**
- **Full day 2: Tuesday 23rd June, 2020 – Conclusions, reflections and next steps**

Location: Chestnut Grove Academy, 45 Chestnut Grove, Balham, London, SW12 8JZ

Work Group Lead: Carlos Karingal

For Work Group information, please email ckaringal@chestnutgrove.wandsworth.sch.uk and to book a place please access the [booking form](#) or contact Hub Administrator Lesley Dibbens at admin@london southwestmathshub.co.uk