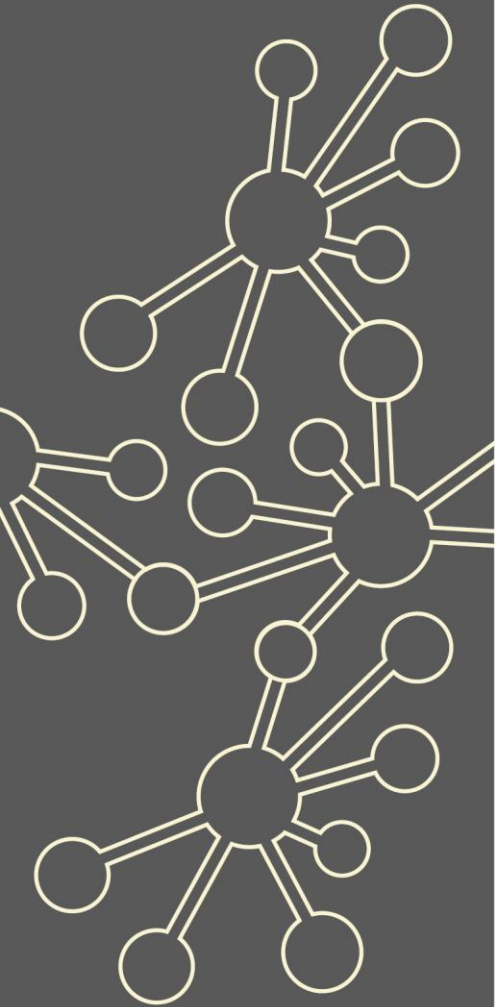


# Years 7-11 Coherence

Maths Hubs Network  
Collaborative Projects  
2021/22

## NCP21-18



## Outline

This project focuses on participant teachers working together to analyse, deconstruct and trace through the curriculum a selected key topic area, developing insight into effective teaching approaches, and considering the implications for longer term curriculum design.

The project was previously known as Challenging Topics at GCSE, but its name has been amended to more accurately reflect the work undertaken as well as to convey the importance of curriculum coherence.

## Details

### What is involved?

Local Work Group design will follow a workshop – school-based work cycle, consisting of several workshops followed in each case by specific school-based work. Workshops will provide opportunities for teachers to identify and analyse a key topic area, to work collaboratively to develop pedagogical approaches to it, and to evaluate and discuss after teaching.

There will be three days (or the equivalent) of Work Group meetings across the academic year.

### Who can take part?

Participants should be secondary school teachers of GCSE Maths. Individuals or ideally pairs of teachers from a department participate, with an expectation that they will work with other members of their department at appropriate points.

Schools that have participated in previous years may do so again, as developments often take place over time.

### Dates and location

The Work Group will be run across 4 days.

Day 1: Mon 31 Jan 2022 (2pm– 4.30pm) online

Day 2: Mon 7 Mar 2022 (2pm – 5pm)

Day 3: Tues 5 Apr 2022 (1pm - 4pm)

Day 4: Tues 17 May 2022 (1pm - 4pm)

**Days 2, 3 and 4 location tbc**

### How to Apply

Please complete the London South West Maths Hub [online booking form](#) to secure a place in the Work Group.

If you require any more information please contact us by email to discuss your application.

[admin@london southwestmathshub.co.uk](mailto:admin@london southwestmathshub.co.uk)

### What are the benefits?

Participants and their departments will:

- ✓ develop a deeper insight into the maths that underpins learning in a challenging topic, through unpicking and analysing the topic
- ✓ develop a deeper insight into the key issues and misconceptions behind the topic
- ✓ identify misconceptions and plan a series of lessons to support students in the topic area
- ✓ use and evaluate appropriate pedagogies to teach the topic area
- ✓ work with their departments to unpick and analyse topics to inform collaborative planning and development of schemes of work

### What is the cost?

The Years 7-11 Coherence project is fully funded by the Maths Hubs Programme so is free to participating schools.

## Covid-19 Recovery

Many positive lessons were learnt from online collaboration during Maths Hubs activity in 2020/21. These will be built upon in 2021/22.

As the impact of the pandemic hopefully recedes, the result for Maths Hubs work will be a blend of face-to-face activities and frequent online collaboration.

