



Years 7 - 11 Coherence

What is involved?

Feedback from teachers, along with GCE exam analysis, indicates there are key areas of the curriculum that students find challenging.

Work Groups in this programme deconstruct and analyse these areas and devise effective approaches to them, to achieve a more coherent learning journey through secondary years.

Who can take part?

- This programme is designed for state-funded primary schools in England.
- Participants should be secondary school maths teachers. Individuals or ideally pairs of teachers from a department participate, and will work with other members of their department at appropriate points.
- This programme also offers an entry point into developing mastery approaches, or could support a department already involved in the Teaching for Mastery Programme.

What will you learn?



You will develop a deeper insight into the maths that underpins learning a challenging topic, through unpicking and analysing the topic.



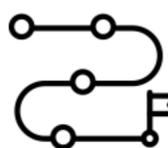
Your students will gain a deeper understanding of the topic area being considered by the Work Group and the underlying maths.



You will identify misconceptions and plan a series of lessons to support students in the topic area.



You and your department will unpick and analyse topics to inform collaborative planning and develop schemes of work.



Working with
NCETM

NATIONAL CENTRE FOR EXCELLENCE
IN THE TEACHING OF MATHEMATICS





Benefits

Encouraging positive attitudes towards maths



Building a coherent and robust maths curriculum



Developing students depth of knowledge



Improving pedagogical knowledge



Networking and training opportunities



What approach is used? Work Groups will follow a workshop - school-based work cycle. You will identify and analyse a key topic area, work collaboratively to develop pedagogical approaches to it, and evaluate and discuss it after teaching. You will receive support from our Work Group Lead throughout the year.

What time commitments are there? The programme will be delivered during three workshop days. In addition, you will need to be committed to exploring ideas as part of your teaching practice throughout the year.

How much will it cost us? There is no charge from the Maths Hubs for participation in the programme. (It's free!)

Where can I find out more information?

- **NCETM** - <https://www.ncetm.org.uk/>
- **NNW Maths Hub** - <https://nnwmathshub.org.uk/>
- **Email us** - nnwcoordinator@queenkatherine.org
- **Phone us** - 01539 743900



How do I apply?

Click on the QR code or click on the link here:
<https://forms.office.com/r/V7K4xNQU3y>

