



Mathematics Professional Development Opportunities 2019/20

Secondary

If you've been inspired by a one-day AMSP course, consider joining a Maths Hub Work Group for deeper, sustained collaborative development and the opportunity to embed long-term change in your department. If you've participated in a Work Group, you or a colleague could gain further ideas, resources and approaches from a one-day AMSP course.

AMSP Professional Development

Discover GCSE Mathematics

One day

A day focused on improving subject knowledge in either trigonometry or quadratics. This course is ideal for teachers new to teaching maths.

Raising Confidence with Reasoning

One day

This course follows the development of mathematical reasoning from KS2 to GCSE. You will explore strategies and ideas to use in the classroom to develop students' reasoning skills.

Raising Confidence with Problem Solving

One day

This day considers different models for embedding a problem-solving culture in the classroom. The course provides practical strategies to help students become more resilient problem-solvers.

Raising Confidence with Higher Mathematics

One day

This course focuses on those GCSE topics that are developed in AS/A level Maths, Further Maths and Core Maths.

Raising Confidence with Technology

One day

This day looks at how technology can be used in the classroom to enhance student learning.

For more information, please visit:

amsp.org.uk/teachers/11-16-maths/professional-development

Maths Hubs Work Groups

Secondary Teaching for Mastery Development Work Groups

Year long

Two teachers within a department work with a Secondary Mastery Specialist to begin to develop a teaching for mastery approach within their own school.

Mathematical Thinking for GCSE

Year long

Teachers collaborate to address the reasoning and problem-solving elements of the GCSE maths curriculum.

Y5 - Y8 Continuity

Year long

Teachers from different phases collaborate in this Work Group to improve pedagogy across the transition point.

Challenging Topics at GCSE

Year long

Through analysis of what makes one topic 'challenging', teachers collaborate to develop effective teaching and learning approaches.

Supporting GCSE Maths Resit

Year long

Teachers of resit groups from FE and schools collaboratively explore and develop effective pedagogical approaches.

For more information, please visit:

mathshubs.org.uk