Advanced Mathematics Support Programme

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Subject Knowledge Live

Higher Tier GCSE Topics Through Mathematical Thinking

Academic year 2026–27: Autumn cohort

Course overview

Higher Tier GCSE Topics Through Mathematical Thinking is designed for teachers new to teaching Higher GCSE content, as well as those looking to refresh and strengthen their approach.

The course supports you in deepening your subject knowledge, making connections across key topics and developing approaches that promote reasoning and problem-solving.

Features of the course:

- Eight online sessions covering key Higher GCSE content in greater depth
- Support for both new and experienced teachers
- Access to high-quality teaching and learning resources

Study Schedule

Each session will run for 90 minutes.

The course will run: **Mondays at 17:00 starting 14 September**, **Saturdays at 09:00 starting on 19 September,** or **Tuesdays at 17:00 starting on 6 October**. You will be asked to choose one of these schedules.

Please ensure you are able to attend at least 75% of your chosen scheduled sessions before applying.

Session topic	Mondays at 17:00 dates	Saturdays at 09:00 dates	Tuesdays at 17:00 dates
Sequences	14 September	19 September	6 October
Algebra	21 September	26 September	13 October
Rearranging	28 September	3 October	20 October
Linear relations	5 October	10 October	3 November
Quadratics	12 October	17 October	10 November
Proof	19 October	7 November	17 November
Fractions	2 November	14 November	24 November
Trigonometry	9 November	21 November	1 December

Eligibility - This course is free to state-funded schools and colleges in England; teachers from other establishments will have to pay a fee of £215 to attend. Priority will be given to teachers in state-funded schools and colleges.

Scan the QR code or visit amsp.org.uk for more information and to register.