



Advanced Mathematics Support Programme®

The Further Maths Conference will start soon

Why not try a warm-up problem while you are waiting?

The sum of all the digits in the integers from 1 to 10 is 46, since

$$1 + 2 + 3 + \dots + 8 + 9 + 1 + 0 = 46.$$

What is the sum of all the digits in the integers from 1 to 100?

The positive integers m and n satisfy the equation

$$\left(\frac{m^2}{2}\right)^2 - \left(\frac{n^2}{2}\right)^2 = 2020.$$

What is the value of $m + n$?

Both problems are taken from the 2020 Senior Team Mathematics Challenge.
To download these resources visit: www.amsp.org.uk/resource/stmc-materials



Further Mathematics Conference 2021

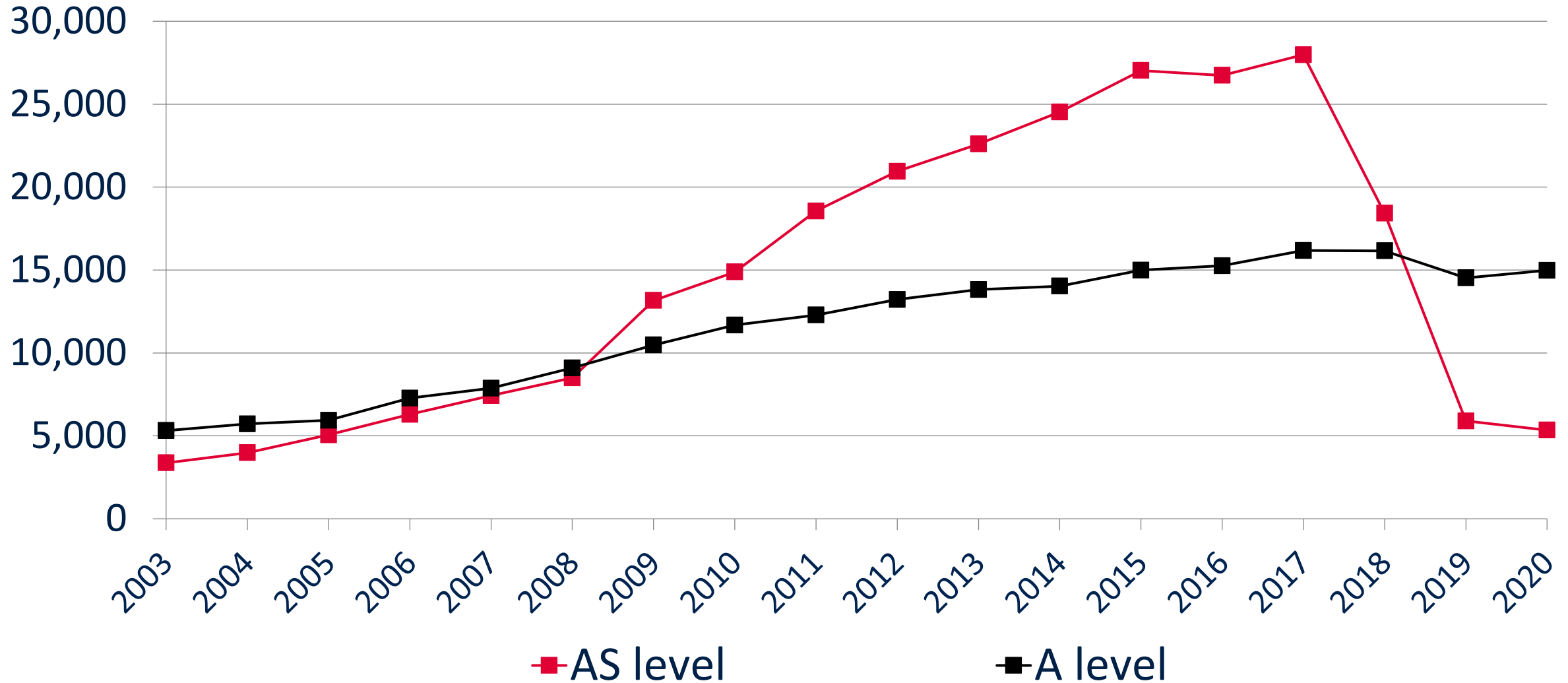
Welcome plenary

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



UK Further Mathematics entries (JCQ data)



Getting the most from today



Enjoy *doing*
maths!



Use the
Q&A



Download
resources

Feedback

We always value your feedback, but it is particularly important this year!



Further professional development



Sustained courses



Teacher networks



On demand PD

Support during Covid-19: <https://amsp.org.uk/about/development-plans>



9th and 10th July 2021

Free to attend

- For all maths teachers and enthusiasts
- Varied programme of sessions
- High profile guest speakers

conference.mei.org.uk



About the AMSP

- A government-funded initiative, managed by MEI, providing national support for teachers and students in all state-funded schools and colleges in England.
- It aims to increase participation in AS/A level Mathematics and Further Mathematics, and Core Maths, and improve the teaching of these qualifications.
- Additional support is given to those in priority areas to boost social mobility so that, whatever their gender, background or location, students can choose their best maths pathway post-16, and have access to high quality maths teaching.

Contact the AMSP

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 Advanced_Maths