



Advanced Mathematics
Support Programme®

AS/A level Further Mathematics

Is every positive integer power of $(\sqrt{2}-1)$ the difference between the square roots of consecutive integers?

$$(\sqrt{2}-1)^2 = \sqrt{9} - \sqrt{8}$$

$$(\sqrt{2}-1)^3 = \sqrt{50} - \sqrt{49}$$

AS/A level Further Mathematics

Whether you're experienced or new to teaching AS/A level Further Mathematics, the AMSP is an excellent source of information, professional development and resources. We can also provide advice and practical support to help your school or college to start offering it.

Our professional development includes videos, online courses (live and on-demand), face-to-face courses, and conferences. We also arrange local

teacher network meetings, providing opportunities to share and discuss good practice and new ideas with other A level Mathematics teachers. These are all free or low-cost and, in some cases, subsidised.

We provide a wealth of free teaching and learning resources, student enrichment, materials to promote A level Mathematics, and advice on further study and careers.



For professional development opportunities, classroom resources and curriculum guidance visit amsp.org.uk

