



Exploring Quadratics KS3 - 5

Online - zoom

9th March 2022

Overview

This network session explores the teaching of Quadratics from KS3 to AS level and considers the links between topics and Key Stages. It is aimed at supporting teacher's own understanding of the key topics in order to help students' transition from GCSE to AS level Mathematics.

This event will last one hour - but there will be additional time for questions. If you would like to share an idea or resource please feel free to do so.

Aims

- to enhance subject knowledge at key stages 3&4 as well as exploring how the topic leads into AS level Mathematics

Who will benefit from attending?

GCSE Mathematics teachers who want to increase their confidence with teaching Quadratics at Higher level GCSE.

Content

- Expanding Brackets
- Factorising
- Completing the square
- Using the Quadratic Formula
- The Discriminant
- Links to sketching quadratics

Materials and Equipment

This meeting will be held on Zoom, which is an online conferencing system that allows participants to collaborate in real time. An invitation will be sent to you around 20 minutes before we start. Please do not share this link with anyone else.

You are advised to use a headset or headphones with an inline microphone to provide the best sound quality and to prevent audio issues for other users. A laptop with a built-in webcam and microphone may be sufficient if you're in a quiet area but please take the time to check this before the session.

Discussion will be both via audio and chat boxes. Please join with a microphone if possible. Joining with your camera on would be most welcome but, of course, not compulsory.

As part of our safeguarding procedures please note the following: (i) It is important that you log in with the names you used when you registered for the course otherwise you may not be allowed into the room. If you prefer to use a shortened/alternative name, then do let us/your course tutor know via email in advance of the session. (ii) You must not pass on any of the registration or Zoom meeting details to anyone else.

Eligibility

Teachers from state-funded schools and academies. Applications from independent schools will be accepted and places will only be granted if there is availability.

Key Facts

Event ref:	#9155
Audience:	Teachers
Curriculum focus:	11-16 maths, A level Mathematics
Event format:	Live Online Professional Development
Event length:	1.5 hours
Region:	Yorkshire and the Humber
Date:	Wed 9th Mar 2022
Course times:	16:00 - 17:00

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/9155>