

INVESTING IN THE NEXT GENERATION

MATHS



GIRLS

IN ASSOCIATION WITH
Founders4Schools



Women
in Finance

Introduction to Maths4Girls

- **Founders4Schools**, in partnership with Maths Anxiety Trust and **100 Women In Finance** aims to inspire and encourage girls, aged 11-14, to take maths beyond GCSE and even the gender playing field at A-levels and university.
- Founders4Schools platform helps educators to invite female (and male) role models who work within finance, investment and STEM (Science, Technology, Engineering & Maths) into the classroom to **inspire and encourage girls to take maths beyond GCSE**.
- We want to replace the fear factor with enjoyment and inspire girls to excel at maths debunking the myth that maths is a male subject.



The problem we aim to solve

There is an enduring myth that maths is for males

- Only **28%** of Further Maths A-Levels were done by girls, *despite* doing as well as boys at GCSE
 - This limits entry into sectors such as Finance, Investment and STEM (Science, Technology, Engineering, and Mathematics)
- Maths is a *language* they will need. It is the language of many careers
- **60%** of girls feel maths was “too difficult” and better suited to boys
- Evidence suggests that low feelings of belonging in maths classes freezes girls’ confidence and attainment. In turn, girls are less likely to opt into maths and develop skills that could lead them to successful careers.

Can you see why our Maths4Girls programme is important?



Why the Maths gender imbalance matters?

Contributes towards the **gender wage gap** as less women enter important and remunerative industries such as finance and investment.

The finance sector has the **second largest** gender wage gap of all sectors (construction is the largest). The mean hourly gender pay gap in the financial sector is 30%, second largest of all sectors and over double the average across sectors (14.3%).

A 2012 YouGov survey found that only 58% of women claimed a very good understanding of financial products and services compared to 72% of men.

Maths4Girls is important



Before the Encounter

The screenshot shows the Founders4Schools website. The header includes the logo and navigation links: Create Event, About, Employers, Educators, Students, Insights, Ashley, and Donate. The main content area features a large background image of a young girl smiling. Text on the page includes: 'Bridging the gap between education and the world of work', a paragraph about the charity's mission, and a list of four buttons: 'I'm an Educator', 'I'm an Employer', 'I'm a Partner', and 'I'm a Student'. On the right side, there are three statistics: '297,057 Students Supported', '14,450 Hours Volunteered', and '937,981 Brokered Student-Employer Encounters'. A video player icon is visible at the bottom left with the text 'Watch the video to find out more about Founders4Schools'.

Booking an event: Our [video](#) will guide you through the steps

After booking there is a 4-week lead time until the event where **we will arrange everything** with the role models on your behalf and update you every step of the way, until the visit is completed.

During the Encounter

1. Teachers will give students a brief **introduction to Maths4Girls** and what the event aims to achieve.
2. Students to complete the **first evaluation [form](#)** and hand back to teacher **before** role models speak
3. Teacher can play the **Ambition [video](#)**: (optional) by Maths Anxiety Trust
4. Teacher introduces the role models to students, with information based on their LinkedIn profiles
5. The role model will give a **10 minute inspirational speech** - we've provided guidance for this
6. Students ask role models **questions** *NB. Girls to lead with 1st 2 questions to encourage broad participation*
7. Teacher to thank the role model for coming
8. Students to complete the **second evaluation [form](#)**

After the Encounter

1. Teachers to send student evaluation forms to Founders4Schools
2. Maths4Girls team will arrange for a 10 minute phone interview to hear **your feedback**
3. If suitable, we may try to set up a **[focus group](#)** of students to evaluate the event



Meet some of our volunteers...

We asked them how they used Maths to get to where they are and how they now use Maths in their everyday lives



Rebecca Chandler
Investment Banker
UBS



Shelley Doorey-Williams
Head of Wealth Planning
UBS



Georgia Pooley
Private Capital
Associate PLC



Jia Shao
Director
UBS

F4S Encounter: Year 10 student feedback

“I didn't really used to see maths as being important or useful but it changed my mind.”

“I am more confident after this event.”

“Was very helpful and important. It made me think that I can go beyond and further my achievements”

“Inspired as before I doubted choosing A-level maths but now I definitely am”

Thank you!

A big thanks to all teachers and volunteers supporting Maths4Girls

Hosting an encounter now could make real life-changing differences to your students for many years to come.

Please do get in touch if you need any additional support:

maths4girls@founders4schools.org.uk

To create a Maths4Girls event: <https://www.founders4schools.org.uk/search/full/>

or at: <https://www.founders4schools.org.uk/educators/math4girls/>

