



PRIFYSGOL  
BANGOR  
UNIVERSITY

Ysgol Fusnes  
Albert Gubay  
The Albert Gubay  
Business School

# Next Gen Girls in STEM Conference

25th of February 2026



**STEM. It's not just equations  
and experiments.**

Join us for an inspiring, hands on day to discover how technology, science, maths, and innovation shape the world around us. Work alongside Bangor University experts and EESW mentors in interactive workshops that bring ideas to life through creativity, teamwork, and problem solving.

It's all about ideas that make a difference - from coding and data to trading and design, where creativity meets real-world impact. And women are at the forefront of this change.

## What's in Store:

- **Code Your Own Robot** – take control of a Sphero bot and learn to code using a fun visual language.
- **Be a Data Detective** – crack clues, find what's unusual, and solve real-life puzzles.
- **Crack the Code of Marketing** – find out how maths powers ads, brands, and big campaigns.
- **STEM Skills in Action** – experiment, create and unlock your potential.

Get ready for a hands-on, action-packed STEM day designed to inspire future innovators and change-makers!

Register your place now [bangor.ac.uk/events/next-gen-girls-in-stem-conference](https://bangor.ac.uk/events/next-gen-girls-in-stem-conference)



**Open to Year 10 girls who love to explore, build, and dream big!**  
**Your Future in Action. Your STEM journey starts here.**



# Event Programme

Time	Activity		
09:45 – 10:15	<b>Arrival &amp; Registration</b> Arrival and warm welcome at The Albert Gubay Business School, Bangor University.		
	Group A	Group B	Group C
10:15 – 11:00	<b>Workshop 1: Code Your Own Robot</b> Command a Sphero bot using a visual programming language to bring robotics and problem-solving to life through hands-on play.	<b>Workshop 2: Data Detective</b> Analyse demographic and financial data to debate and select the most strategic physical location for a start-up business.	<b>Workshop 3: Financial Trading Masterclass</b> Explore the intersection of mathematics and strategy by managing budgets and pricing to understand how financial decisions drive successful campaigns.
11:00 – 11:45	<b>Workshop 3: Financial Trading Masterclass</b>	<b>Workshop 1: Code Your Own Robot</b>	<b>Workshop 2: Data Detective</b>
11:45 – 12:15	<b>Lunch &amp; Networking</b> Make lunchtime count! Chat with new people, share ideas, and build your confidence - it's a great opportunity to develop your teamwork and communication skills while enjoying some networking.		
12:15 – 13:00	<b>Workshop 2: Data Detective</b>	<b>Workshop 3: Financial Trading Masterclass</b>	<b>Workshop 1: Code Your Own Robot</b>
13:00 – 13:45	<b>Workshop 4: The Power of Numbers in Marketing</b> <i>Led by The Albert Gubay School Marketing and Accounting Academics</i> Step into the world of marketing and discover how every successful campaign starts with smart numbers. In this hands-on session, you'll design a creative marketing campaign — but with a twist: you'll also manage the budget behind it. Learn how costs, pricing, and financial decisions shape strategy, proving that numbers and creativity go hand in hand in building a winning campaign.		
13:45 – 14:00	<b>Wrap-Up &amp; Reflections</b> Think about what inspired you most today — the challenges you solved, the skills you built, and the possibilities ahead. Keep exploring, keep asking questions, and keep shaping the future.		