

STEM Ambassadors Networking Event



TechFest - STEM in the Pipeline
2024



Aberdeen Section

Solutions.
People.
Energy.SM

Visitors



Debbie Mathers
Programme Manager - Ambassadors in Scotland



Margo Milne
Director at DYW North East



Natalie Leader
Renewable Energy Engineer
SCG Volunteer



What is a STEM Ambassador?

- Role models
- Volunteers
- Bring STEM to life
- Open up the world of work
- Range of backgrounds and experiences

This is a screenshot of the top portion of the STEM Ambassadors website. The header includes the 'STEM 20' logo, navigation links for 'Primary', 'Secondary', 'Post-16', 'Employers', and 'STEM Ambassadors', a search icon, and a 'Join the STEM Community' button. Below the header, the breadcrumb 'Home > STEM ambassadors' is visible. The main heading is 'About STEM Ambassadors'. The text describes the program as a 20-year-old volunteer initiative with over 28,000 members. It mentions that ambassadors visit schools and colleges to deliver STEM requests from teachers and youth group leaders. A video player shows a woman speaking. A green button at the bottom of the section says 'Become a STEM Ambassador'.

STEM Ambassadors is a fantastic volunteer programme that has been running for over 20 years. There are over 28,000 individuals who offer their time, passion, and energy to visit schools, colleges, higher education institutions, and youth group organisations to deliver requests from teachers and youth group leaders who want to link STEM subjects to the real world of work.

We offer training and support to enable our Ambassadors to confidently deliver a range of activities to young people, including career talks. If you have a passion to inspire the next generation in STEM, you can join our Ambassador community!

Educators can post requests for one of our volunteers via our online platform.

Supported by UK Research and Innovation.

[Become a STEM Ambassador](#)

This is a screenshot of the 'About our STEM Ambassadors Programme' section of the website. The title is centered at the top. Below it are three columns, each with an image and a call-to-action button. The first column, 'Request a STEM Ambassador', shows a woman and a child working together. The second, 'Partner Information', shows a group of people in a meeting. The third, 'Giving 20', features a '20 YEARS' anniversary graphic. Each column has a green button at the bottom.

About our STEM Ambassadors Programme

Request a STEM Ambassador

Connect young people with STEM industry experts by requesting a STEM Ambassador to enrich your teaching

[Request a STEM Ambassador](#)

Partner Information

Become a strategic partner and inspire the next generation of STEM professionals through outreach programmes in schools, colleges, clubs and youth groups

[Become a Strategic Partner](#)

Giving 20

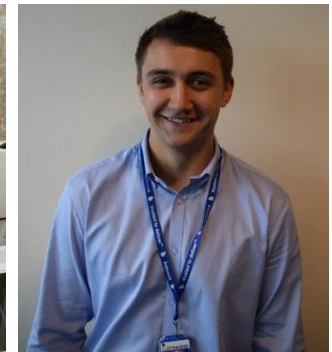
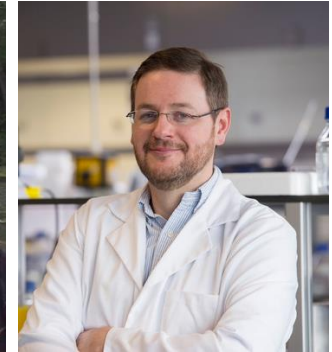
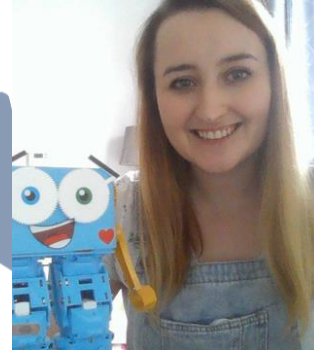
Your commitment. Their transformation. Volunteer just 20 minutes or 2 hours of your time to inspire young people in STEM.

[Find out more](#)

Every one of our wonderful STEM Ambassadors is unique

Why become a STEM Ambassador?

- Resources and training
- Access to opportunities
- Support partnership working with DYW
- Giving back to local community
- Improve your skills
- Include on your CV
- Become part of a UK wide network
- PVG certificate
- Fun!





STEM Ambassadors in Scotland @ScotSTEMAmbt · Jun 12 Promote ...

Last week Liam, our Programme Coordinator, got to visit the Scottish STEM Placement Programme at @RoslinCT!

What an amazing opportunity for the educators to get hands-on experience of the varied careers there- stepping into their shoes (& 2 layers of gloves, & hoods, & gowns)!



Lorna Bennet @LorryBonnets · Sep 3 ...

Excited to be on our way back to the Orkney International Science Festival for an incredible week of STEM presentations, workshops and activities for all the family! Thanks to @NLFerries for providing discounted tickets for staff and volunteers travelling to support the festival.



Dave Salmond @DavidSalmondAbz · May 21 ...

How can we combat eco-anxiety amongst young people whilst educating about the solutions to climate change and the associated careers!?

It was a privilege to welcome Arran from @DNVEnergySystem to @BucksburnAcad to help answer the above question! 🙌



Miss Semple @MissSempleChem · May 3 ...

My Industrial Cadet Bronze Award teams enjoyed their visit down to the harbour today learning about all the work that goes into offshore wind farms.

There are so many opportunities available to them right on their doorstep! 🙌 @BrochSci @FraserburghAcad @ScotSTEMAmb @SSERCSTEM



SYNERGY @ea_ope · Jun 7 ...

Gratifying to inspire pupils in the Scottish Highlands on problem solving in #RenewableEnergy. Thanks to @YESC_Scotland for the annual #STEM challenge & @VentientEnergy / @Renantis for the support. Together, we're building a brighter future! 🌍🌟 #VolunteersWeek @ScotSTEMAmb



Stemovators @Stemovators · Jun 6

STEM challenges are underway at our Highland Celebration! Big thanks to our challenge providers and our hosts!



STEM and Lfs Fife @STEMFife · Jun 5 ...

Great to visit @SSERCofficial today to see the digital garden blooming 🌱 through partnership work with Kingsroad Primary School learners. A huge well done 🙌 to everyone involved.



Steps to becoming a STEM Ambassador

1

Create your profile on the website,
www.stem.org.uk



2

Complete the online induction

3

Complete your PVG application,
including ID check



Email stemambassadors@sserc.scot

Connecting with your Future Workforce



NORTH EAST
Developing the
Young Workforce

It's never been easier for **SPE** to connect with young people; our current employer pledge partners support a number of activities in schools, partner programmes and offer work experience opportunities across a variety of programmes across Aberdeen and Aberdeenshire.



Opportunities

Could you inspire young people about the jobs, career pathways and industry sectors that exist here in Aberdeen and Aberdeenshire?

In addition to in-school activities, DYWNE works and supports partner programmes and supports employers to pledge their support to the Young Person's Guarantee.



Class talks



Skills sessions



Challenges/competitions



Site visits



Work tasters



Careers Fairs



Sector insights



CV checks



Mock interviews



Curriculum development



Apprenticeships



Mentoring

Partner Programmes

School Engagement

Apprenticeships

Young

DYWNE Sector Frameworks

Person's

Guarantee

Hosting work placements/experience

Upcoming Activities



NORTH EAST
Developing the
Young Workforce

DYWNE – Employer Support

We have a very busy term ahead of us and are asking for **SPE member** support with upcoming Mock Interviews at various schools.

Below is a list of schools with a booking form, please complete the form if you can support any of the dates and times. The team will contact you with further details of the event.

- [Inverurie Academy on Tuesday 18th and 25th of February](#)
- [Oldmachar Academy on Tuesday 25th February and Tuesday 4th March.](#)
- [Portlethen Academy on the 13th , 19th and 20th of March](#)

Or email our team on:

SchoolEvents@dyw.org.uk



Pledge Partner Insight Event

📅 19th Feb 2025

A morning of bite-sized information sessions to help employers fulfil their Young Person's Guarantee pledge partner commitments

[**Learn More**](#)

Click [here](#) for information and to register

Energy volunteer insight - Natalie Leader



School Career Guidance Committee

Join our volunteers list or our committee by emailing to aberdeen.admin@spe-uk.org



Solutions.
People.
Energy.SM

SCG resources

Energy Insider Videos

Energy Insider Knowledge transfer: Explore our collection of videos created by industry-leading energy professionals and companies. While the thumbnails below provide a preview, stay tuned for our upcoming platform launch, where you'll be able to watch the full videos soon!

Roles shown in thumbnails: GEOPHYSICIST (bp), Technical Designer (nexos), ELECTRICAL ENGINEER (MDL), GRADUATE PROJECT ENGINEER (DCF), Educating The Next Generation (Software Developer) (nexos), ESG ANALYST (SERICAENERGY), GEOLOGIST / SUBSURFACE LEAD (equinor), FACILITY MANAGER (nexos), HEALTH & SAFETY ADVISOR (nexos), BUSINESS DEVELOPMENT COORDINATOR (nexos), FIELD ENGINEER (AISUS), PROJECT ENGINEER (DCF), Educating The Next Generation (Geologist) (equinor), RESERVOIR ENGINEER (SERICAENERGY), WELL MANAGEMENT (THREMO ENERGY), OFFSHORE INSTALLATION MANAGER (re).



PlanIT – Offshore Energy Area

planit

Username: Portfolio Sign Up [Forgotten password?](#)

Password: [Sign In](#) Courses Search Planit...

Careers Courses Schools Apprenticeships Finding a Job Resources

Offshore Energy [Download & Print](#) [Play video](#)



Solutions.
People.
Energy.SM

OEUK Positive Energy

HOW THE OFFSHORE OIL AND GAS INDUSTRY IS HELPING THE UK

0:00 / 2:22

Credit to OEUK

Career Area

Offshore Energy

Career Sectors

- Business, Management, Admin and Support
- Digital and Technology
- Engineers and Engineering Operatives or Technicians
- Environment, Health and Safety
- Offshore Based
- Subsurface Scientists

Networking & Talking Points

- Have you ever been a STEM volunteer?
- What do you enjoy about STEM volunteering?
- Are you a STEM Ambassador or interested in becoming one?
- What influenced your career choices / pathway?
- What brought you here tonight? (aside from pizza and drinks!)



Aberdeen Section

Solutions.
People.
Energy.SM