



STEMAZING

INSPIRATION ACADEMY

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INTRODUCTION.

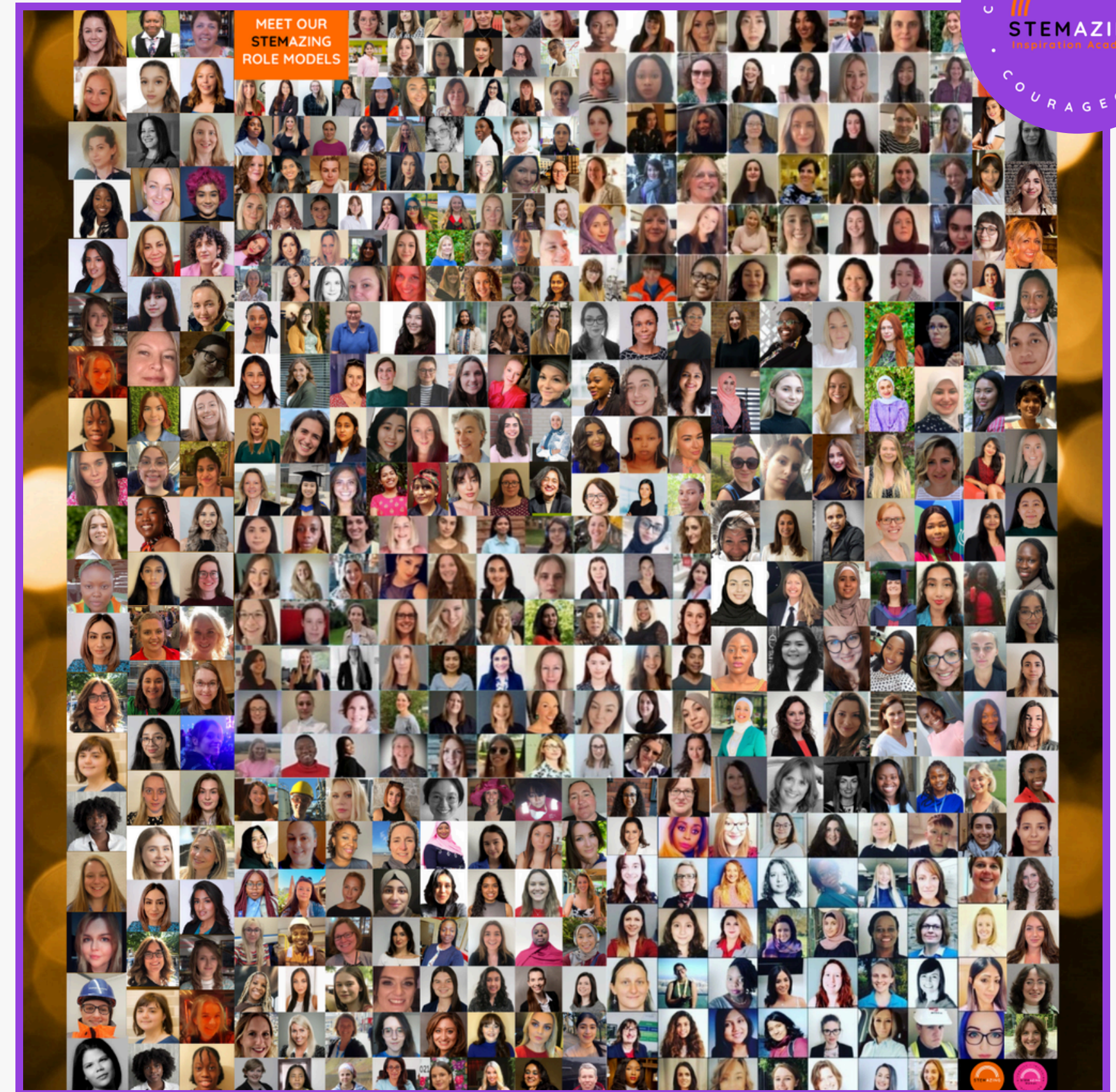
STEMAZING is a non-profit social enterprise on a mission to drive an inspiration and inclusion revolution in STEM and amplify the voice of women in STEM.

Founded in 2020 by engineer and diversity advocate, **Alex Knight**. Our aim is to empower and equip an army of everyday, relatable role models to build a STEM movement that drives real change.

To date, our flagship multi award-winning training programme - The Inspiration Academy - has trained over **700 women in STEM** to level-up as visible role models and delivered **over 165,000 high-impact STEM engagements** for young children aged 7 - 9 years old in areas of high socio-economic need.

And this is just the beginning! ❤️

#Diversity #Inclusion #Inspiration





INSPIRATION ACADEMY

CORE PROGRAMME

INSPIRATION ACADEMY.

The **STEMAZING** Inspiration Academy supports women and non-binary people in STEM to shine as visible role models and inspires children through fun, interactive online STEM sessions.

The participants complete our award-winning training programme to build their public engagement skills and confidence on camera, plus their STEM delivery toolbox.

These newly empowered role models then go on to deliver a 4-week programme of live online STEM sessions designed to engage children aged 7 - 9 years old.

Schools benefit from this fully-funded programme by taking part in hands-on simple STEM activities and experiments to promote children's curiosity, creativity and courage led by a STEM role model.

Thanks to our Partners we can deliver this programme free of charge to all selected schools, including delivery of a STEMKit with the key resources your class needs to do each experiment. To participate, please register your interest below.

If your organisation is interested in Partnering with us to support this mission whilst benefitting your female talent and your community, find out more [here](#) 🍌





ROLE MODELS

WATCH VIDEO



3 MONTH PROGRAMME.

This unique 3-month online course supports women and non-binary people to excel at public engagement, change outdated perceptions and leave a legacy by delivering engaging **STEMAZINGKids** sessions to inspire the next generation. It runs twice a year (March - May and September - November) and requires 2 hours a week time commitment.

All training is online, and delivery may be online or in-person depending on your distance to your matched school. Participants will need to:

- Attend the monthly live webinars.
- Sign up to be a STEM Ambassador with STEM Learning UK (for those based in the UK).
- Complete the empowering online training and bitesized homework.
- Engage with your assigned Accountability Group led by a mentor, for peer support.
- Liaise with your matched Primary school.
- Commit to delivering 4 **STEMAZINGKids** sessions, after completion of your training.
- Comply with our privacy and safeguarding policies.

On completion graduates can join the **STEMAZING Online Community** to benefit from ongoing support, empowerment and inspiration ideas and go on to become SIA Accountability Group Mentors, helping to shape the confidence and growth of participants in subsequent rounds of the programme. Find out more course info [here](#) ❤️



MONTH 1 - EMPOWER

Training designed to overcome limiting beliefs, build confidence and enhance public engagement skills.



MONTH 2 - EQUIP

Tutorials and group coaching to grow STEM outreach skills and toolbox aimed at a Primary audience.



MONTH 3 - ENGAGE

Role model matched with a Primary class with high % free-school-meals to deliver 4 **STEMAZINGKids** sessions. Resources sent to school in advance.

FUNDING.

For role models the programme is £1,497 + VAT. These are the different ways you can fund your Inspiration Academy place.

- Your organisation is a **STEMAZING Partner** - so you can get an automatic place. Our **STEMAZING** Partners benefit from a number of places on this programme included in our Partnership packages and can also purchase additional places individually.
- You ask **your organisation** to pay for you from your annual training budget. If you don't ask you don't get! To help you make the business justification for this investment we have a **letter template** you can use.
- You want to invest in your own development through **self-funding** your spot. Yes! Go you!
- A **sponsor** funds your place, such as a professional institution e.g. the IMechE, sponsor a number of places for women in their membership, or an individual e.g. an ally or mentor, may also sponsor your place.
- You are applying for a fully-funded **STEMAZING Scholarship** - free for any women in STEM to apply! Please note places are limited and are prioritised for women out of work who want to return to STEM.

If you are not sure which route is best for you, you can email us at **info@stemazing.co.uk** and we will talk you through everything you need to know, and get you all set up ready to go! 💜



TESTIMONIALS.

"I have found the inspiration academy such a brilliant experience. It helped me understand my purpose, build confidence and push me out of my comfort zone. Meeting other women with the same drive and passion for building the next generation of STEM has been nothing short of amazing."

Amy Gittoes

"This programme has allowed me as a design engineer to let out the creative side and my passion for engineering when delivering these sessions & I would highly recommend completing this programme in it's entirety. My confidence has skyrocketed."

Gursharan Bassan

"When you have a busy job, it can be difficult to think of engaging STEM activities, particularly if you don't have a background in education. This programme does all that for you and allows you to concentrate on becoming the best and most engaging visible role model you can be."

Hannah Tallis



REGISTRATION.

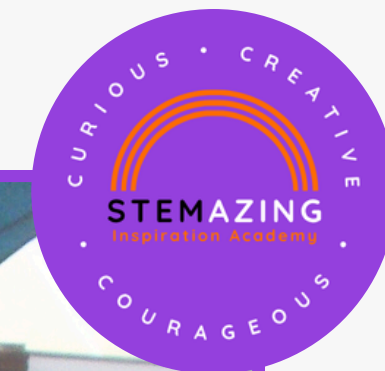
Registration opens twice a year.

In the **Spring/Summer** round of the programme, registration opens in **January**. Down-selection and notification of scholarship places takes place in **February**. Training starts in **March**. **STEMAZINGKids** sessions are delivered in **May**.

In the **Autumn/Winter** round, registration opens **July**. Down-selection and notification takes place in **August**. Training starts in **September**. **STEMAZINGKids** sessions are delivered in **November**.

Register your interest at www.stemazing.co.uk/inspiration-academy

REGISTER





PRIMARY SCHOOLS

WATCH VIDEO



PRIMARY SCHOOLS.

STEM is the combination of Science, Technology, Engineering and Maths. It actively promotes a young person's curiosity, creativity and courage. Not enough children have the opportunity to explore and engage in STEM activities. We want to change that!

The **STEMAZING** Inspiration Academy is a fully-funded i.e. FREE, 4 week programme of live online STEM sessions designed to engage and inspire primary school children aged 7 - 9 years.

Each week the children take part in a 1-hour activity over Zoom (or Teams or Google Meet) using basic, everyday resources. Children create their own STEM masterpiece each week using these resources. Resources a.k.a STEMKits, will be sent to your school at no cost, prior to the session delivery.

All sessions are delivered by a woman/non-binary person in STEM, to showcase role models and support changing outdated perceptions of what a scientist, technologist, engineer or mathematician might look like.

#SmashingStereotypes



4 WEEK PROGRAMME.

WHAT WILL YOU DO?

- 4 x 1-hour STEM sessions will be delivered live by a role model.
- Each session will focus on a different science or engineering principle through a simple hands-on activity each child engages with, including structures, aerodynamics, energy and sustainability.

HOW DOES IT WORK?

- All sessions will be delivered online. Some sessions may be in-person if we are able to match a role model that lives locally to a school.
- These sessions are best run in school time so the whole class can participate.
- You can agree the best time to run the live sessions with your assigned role model in advance.

WHAT WILL YOU NEED?

- We will send the key resources needed for the 4 STEM experiments for each class of 30 children taking part, including simple things such as cardboard tubes, straws, balloons, pom-poms, skewers etc.
- Your school will need to provide paper, colouring pens, scissors, glue sticks and print the templates that we provide electronically.



STEMKITS.

Each STEMKit is for 30 students. If you have more than 30 students in the class, you will received more than one kit. The kit will arrive in the weeks leading up to the sessions being delivered.

Each STEMKit contains:

- 30 cardboard tubes
- 60 wooden skewers
- 30 balloons
- 10 paper straws
- 1 roll of masking tape
- 1 pack of blutac
- 30 pom-pom projectiles

Details of how to sort the STEMKit resources for the 4 sessions and what the school needs to provide, is provided in the kit.



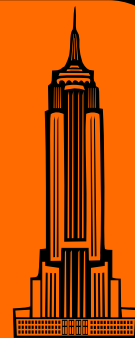


STEMAZINGKIDS SESSIONS.

Where every child is engaged and connects learning to life through hands-on, interactive STEM fun!

STEM 1 - STEMAZING Structures

Exploring the importance of shape in design. This is important in the world around us as different shapes have different properties which can do different things for us.



Groups of 4 need:

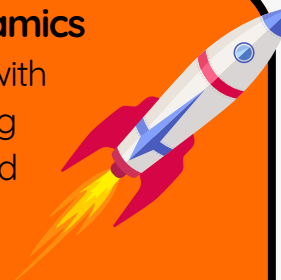
- 8 x A4 paper
- Pile of books

We will provide:

- Masking tape

STEM 2 - Amazing Aerodynamics

Exploring how the air interacts with everything around us by making different designs of spinners and learning about amazing aerodynamics!



Every child needs:

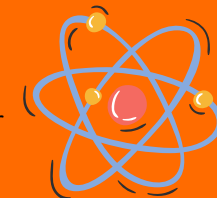
- Spinners template
- Colouring pens
- Scissors

We will provide:

- Bluetack

STEM 3 - Energy Explorers

Engineers and scientists can harness energy to improve our lives. Here we do a simple experiment to explore energy and energy transfer.



Every child needs:

- 1/2 A4 paper
- Colouring pens
- Glue stick
- Scissors

We will provide:

- Cardboard tube
- Balloon
- Masking tape
- Projectile

STEM 4 - Planet Protectors

People working in STEM innovate and problem-solve. In this session we make wind turbines and explore how we can all be STEM Superheroes and save the world.



Every child needs:

- Turbine template
- Colouring pens
- Scissors

We will provide:

- Masking tape
- 2 wooden skewers
- Bluetack
- 1/4 straw

#BringTheFun

TESTIMONIALS.

"Each session has given the children unforgettable experiences and its been lovely to see all children flourish and shine. They have started to develop their understanding of STEM and as a school we are now very keen to embed STEM into our curriculum."

Holbrook and Bedenham Primary School Federation

"These workshops have become the highlight of the children's week in school."

Chalgrove Primary School

"A fantastic way to increase the cultural capital in school by working alongside women in STEM. The children thoroughly enjoyed taking part in the activities and learning what STEM means and what kinds of jobs are available to them in this sector."

St. Thomas C of E Primary Academy

"We had the most fantastic sessions for this project. The children have been engaged, enthused and thoroughly enjoying themselves!"

White Woman Lane Junior School



REGISTRATION.

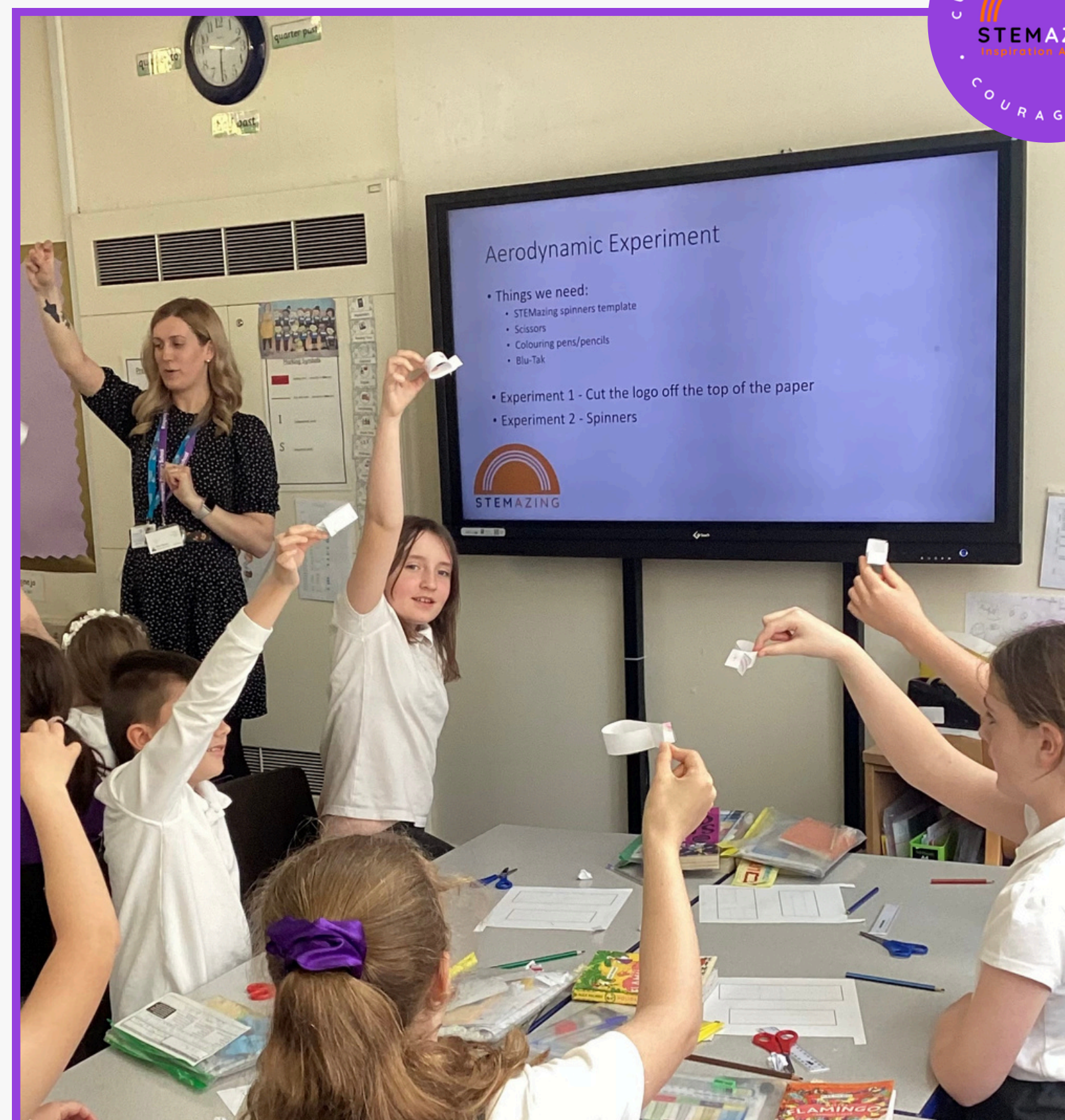
Registration opens twice a year.

In the **Spring/Summer** round of the programme, registration for schools opens in **January**. If your school is selected, notification will be in **March**. Live STEM sessions will be delivered in school in **May/June**.

In the **Autumn/Winter** round, registration opens in **June**. If selected, notification will be **September**. The sessions will be delivered in **November/December**.

Register your school at www.stemazing.co.uk/inspiration-academy

REGISTER





HOME SCHOOLS

ACCESS STEM ONLINE

HOME SCHOOLS.

The **STEMAZING** Inspiration Academy is open to homeschoolers, home-based educators and the home education community.

Access FREE homeschool STEM online and engage your child/children in a series of 4 fully-funded 1-hour interactive STEM workshops for 7-9 year olds. Children will learn about **STEMAZING** Structures, Amazing Aerodynamics, Energy Explorers and Planet Protectors.

The Homeschool Class will be delivered online and led by an experienced woman in STEM role model, utilising simple household items. You will need a cardboard tube, 2 wooden skewers, a balloon, a paper straw, some sticky/masking tape, some blutac, and a pom-pom.

Homeschoolers in various different locations, will sign in to the session at the same time, in a virtual classroom. Links to sign in will be emailed once you have registered for the individual sessions. Sessions will be supported by a member of the **STEMAZING** team.

Find out more info [here](#) and email info@stemazing.co.uk with any questions 💜

#BreakingBarriers



REGISTRATION.

Registration opens twice a year.

In the **Spring/Summer** round of the programme, registration for home schools opens in **January**. Live STEM sessions will be scheduled in **April** and links to register will be sent out. Delivery will be in **May/June**.

In the **Autumn/Winter** round, registration opens in **June**. Sessions scheduled in October. Delivery in **November/December**.

Register to take part at www.stemazing.co.uk/inspiration-academy

REGISTER



USEFUL INFO.

Watch our [video](#) all about **STEMAZING**.

Find all of our useful links on our [Linktree](#) page.

Become a site member and sign up for our [email marketing](#) including our **STEMAZING** monthly newsletter.

Follow us on [LinkedIn](#) to keep up to date with all things **STEMAZING**.

Share all things Inspiration Academy on [X \(Twitter\)](#) and tag us **@STEMAZING1**

Check out our [YouTube](#) channel **@STEMAZING9307**

Get more info on joining our **STEMAZING** Community [here](#).

Email us at info@stemazing.co.uk or WhatsApp us on 07300 208115 

Subscribe to the STEMAZING newsletter

Be the first to know about updates and opportunities!

We promise not to spam you and will not share your details with 3rd parties. Your data is managed in line with our data privacy [policy](#). You can unsubscribe at any time.

First name *

Last name

Email *

Company name

Job Role / Position

What are you registering as? (tick all that apply) *

☐ Woman / Non-Binary person in STEM

☐ STEM Organisation

☐ School

☐ Student


☐ Parent/ Carer

☐ Male Ally


☐ Other

☐ Yes, subscribe me to your newsletter. *

Submit



STEMAZING

Be part of the STEM inspiration & inclusion revolution and join our Community at stemazing.co.uk/joincommunity 

Education Administration Programs · Northumberland, England · 8K followers · 2-10 employees


Bridget & 14 other connections work here

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Overview


STEMAZING is an award-winning not-for-profit social enterprise dedicated to [#Inspiration](#) [#Inclusion](#) and [#Diversity](#) in [#STEM](#). Empowering [#WomenInSTEM](#) to shine as visible [#RoleModels](#). [#Inspiration](#) for the [#NextGeneration](#) of [#Innovators](#) and [#ProblemSolvers](#). Join the STEM inspiration a ... see more





STEMAZING


Not-for-profit social enterprise dedicated to inspiration and inclusion in STEM.


[in](#) [v](#) [e](#)


 Inspiration Academy for Women/Non-Binary People in STEM | REGISTER


 Inspiration Academy for Primary Schools | REGISTER


 STEMAZING Impact Report | READ


 TEDx Talk | Why Visibility, Courage and Sex Matter in Engineering | WATCH


 INWED Webinar - Together We Engineer | WATCH

 7 Steps to Sensational STEM Outreach | WATCH

 Podcast | LISTEN

 Website | SIGN UP

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 Partner with Us | EMAIL





BE **STEM**AZING

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