



Navigating the STEM Ambassador Digital Platform



First you need to register for an
account...

Sign in **Register** Request new password

Create an account

Please fill in your details. On completion, you will receive an email from us with an activation link allowing you to confirm your registration.

I am registering as a... *

Working in education – Teacher, technician, trainee teacher, administrator

If you are a teacher, technician, trainee teacher or working in an education setting and would like access to our resources, STEM Ambassadors and CPD including booking on behalf of others, sign up here.



STEM volunteer – become a STEM Ambassador

If you work in a STEM-related role and would like to join the STEM Ambassadors programme, sign up here.



Youth or community group leader

If you are the leader or manager of a youth, community group or non-school based group, sign up here.



An employer or professional institution - Manager of STEM education activities

If you are the official representative for your company or professional institution, such as a HR manager, sign up here.



International or none of the above. *If you would like to access our resources and find out more about what we offer, sign up here.*

Continue

Registration is completely free

Becoming a member will allow you to:

- Access thousands of resources
- Book onto our CPD activities
- Sign up to eNewsletters
- Contribute to online groups

Registering is free, quick and easy! If you have any problems please [contact us](#).

Digital Platform
for Youth/Community
Group Leaders and
STEM Ambassadors

on

www.stem.org.uk

Welcome back! Can our team of experts help you with anything today?



Get in touch



How Ambassadors volunteer for your activity request...

Browse Activities

37 Activities found

Download results as CSV

NAME	TYPE	OWNER	LOCATION NAME	LOCATION POSTCODE	START DATE ▲	END DATE
STEM week at Auchenharvie Academy	STEM presentation e.g. assembly or learning	McKeown Ashleigh	Auchenharvie Academy	KA20 3JW	24/04/2020	24/04/2020
P7 Cluster Primary Careers Event @ Prestwick Airport	Interactive STEM session e.g. speed networking or Q&A session	Robertson Natalie	Ayrshire Chamber of Commerce & Industry	ka9 2pl	24/04/2020	24/04/2020
Kincaidston Primary, Ayr Careers Fayre	Support an exhibition or event	MacDonald Christina	Kincaidston Primary School	KA7 3YN	25/03/2020	25/03/2020
Alloway Primary, Ayr Careers Fair	Support an exhibition or event	MacDonald Christina	Alloway Primary School	KA7 4QQ	18/03/2020	18/03/2020
S2 Science Fair - Cumnock Academy	Hands on practical	Robertson Natalie	Cumnock Academy	KA19 8BN	13/03/2020	13/03/2020
STEM week at Glencairn Primary School	Employability skills session e.g. mock interviews/CV writing	Russell Kelly	Glencairn Primary School	KA20 3HQ	10/03/2020	10/03/2020
S3 Science Fair @ Girvan Academy, Girvan	Interactive STEM session e.g. speed networking or Q&A session	Robertson Natalie	Girvan Academy	ka26 9dw	10/03/2020	10/03/2020
Belmont Academy- S2 Careers Workshops	Support an exhibition or event	MacDonald Christina	Belmont Academy	KA7 3SN	10/03/2020	10/03/2020
STEM week - Food Technology - Glencairn Primary School	Hands on practical	Russell Kelly	Glencairn Primary School	KA20 3HQ	09/03/2020	09/03/2020
British Science Week 'Our Diverse Planet' - St John's Primary, Stevenston	Support an exhibition or event	Robertson Natalie	St. Johns Primary School	KA19 8BN	09/03/2020	13/03/2020
Tomorrow's Engineers Energy Quest at Auchenharvie Academy	Support an exhibition or event	Riddell Melanie	Auchenharvie Academy	KA20 3JW	09/03/2020	09/03/2020
Cairn Primary, Ayr STEM Event	Support an exhibition or event	MacDonald Christina	Cairn Primary School	KA9 2LB	09/03/2020	09/03/2020

Youth/Comm Group Leaders - Place a request

Ambassadors - Match with a request

This is where **Ambassadors** can view all requests made by Youth/Comm Group Leaders and schools

Search filters

Refine

Keywords

Distance

from

Starts after

22/01/2020



Finishes before

DD/MM/YYYY



Finishes after

DD/MM/YYYY



Activity types

- Employability skills session e.g. mock interviews/CV writing
- Hands on practical
- Hosting a visit to a STEM workplace

Browse Activities

223 Activities found

NAME	TYPE	OWNER	LOCATION NAME	LOCATION POSTCODE	START DATE	END DATE	CREATED FROM OFFER
Evolution Presentation	STEM presentation e.g. assembly or learning	Turner James	Springfield Road	WN6 7RH	11/09/2020	11/09/2020	
Global Science Show on Twitter - 11 September	Other	West Scotland Hub Science Connects		 ONLINE	11/09/2020	11/09/2020	
STEM WEEK	STEM presentation e.g. assembly or learning	Davies Jack		 ONLINE	14/09/2020	14/09/2020	
Theme Park Physics and Maths	Interactive STEM session e.g. speed networking or Q&A session	Dunhill Chris		 ONLINE	14/09/2020	14/09/2020	
STEM Master classes	Interactive STEM session e.g. speed networking or Q&A session	Jones Simon	St. Thomas More High School For Boys	ss00bw	15/09/2020	06/07/2021	
Food composter design and build for use by school canteen	Mentoring or support e.g. for STEM projects	Morgan Helen	Abbey Place	ME13 7BQ	15/09/2020	29/03/2021	
Visit from a geologist to talk about different types of rocks	Hands on practical	Eyre Catherine	North Wingfield Road	S42 5EP	15/09/2020	15/09/2020	
Spotlight Feature for West of Scotland Ambassadors - 15 August- 15 September 2020	Other	West Scotland Hub Science Connects		 ONLINE	15/09/2020	15/09/2020	
Virtual Classroom Challenges – Space	Space	Asif Nabih		 ONLINE	15/09/2020	15/09/2020	
Supporting Schools with Careers Webinar	Hands on practical	Smith Daniel		 ONLINE	15/09/2020	15/09/2020	
Supporting Schools with Careers	Employability skills	Smith Daniel	5th Floor	EC2M 5EA	15/09/2020	15/09/2020	

Now includes
“online
activities”
across whole of
UK

Search filters

Refine

Keywords

Distance from you (miles)

Online Only

Partner Only

Starts after

DD/MM/YYYY



Finishes before

DD/MM/YYYY



Finishes after

DD/MM/YYYY



Activity types

- Employability skills session e.g. mock interviews/CV writing
- Hands on practical
- Hosting a visit to a STEM workplace
- Information and advice for senior leaders e.g. head teachers, governors
- Interactive STEM session e.g. speed networking or Q&A session

Kitchen Science Project - Community Group Activity at Linnvale Primary

📅 29/11/2020 ⌚ 6 hours 📍 Linnvale Primary School

Number of Participants	Age Range	Ambassadors
20	4-5 years 5-7 years	1

👤 Owner

Science Connects West Scotland Hub

🏢 Participating Organisations

📌 Activity Type

Hands on practical

🔗 Schemes

None

✅ Aim

To raise awareness of STEM with young people and parents

📖 Description

This project will involve children and parents working together to prepare a healthy family meal, whilst developing knowledge of different science experiments, and sustainable sourcing/cooking of food. The project requires STEM Ambassadors to help deliver the kitchen science experiment element to the families attending, which would be an activity lasting 30 minutes for approx 20 participants (children and parents).

🎓 Areas Of Expertise

★ Skills

[Express Interest](#)



Address

Linnvale Primary School,
Livingstone Street,
Clydebank,
G81 2RL

[Get directions](#)

[Flag as "Inappropriate"](#)

[Ambassadors confirmed](#) [Update](#) [Cancel Activity](#) [Clone Activity](#)

[+ Add an Ambassador](#)

When you have enough ambassadors to fulfill your activity, please select Ambassadors confirmed to remove it from promotion.

Messages & interactions

← Back

Lorraine McAuley has registered interest in this activity

Offer Position

Withdraw

Admin actions


Confirm Ambassador


Withdraw Ambassador

Empty text input field with a Send button

You 

Thanks Lorraine, that is great news! It would be fantastic if you can help out. We are a nice friendly bunch and the kids are great fun to work with. We will provide all the ingredients for the meal and if you can help us plan some experiments on the theme of the meal it would be good. My email address is alleen.hamilton@linnvale.sch.uk so please email me directly to discuss. I will offer you the position now if you can confirm it. thanks alleen

You 

 Lorraine McAuley

Hi my name is Lorraine and I am interested in helping with your activity. I am a 2nd year Biology student at University of Strathclyde and keen to help inspire young people into STEM. I would be able to help deliver a range of kitchen science experiments. Look forward to hearing from you, thanks.

On 10 Nov 2020 - 21:19 - Lorraine McAuley has registered interest in this activity.

Ambassador sends message expressing interest. Youth leader responds

To confirm the Ambassador click "Offer Position"

Ambassador then responds to "Confirm Offer"

STEM Ambassador

Youth Group Leader

Ambassador then participates in activity

Science Connects | STEM Ambassad...
@ScienceConnects Follow

We had a really fun Early Years session last night with some of our [#STEMAmbassadors](#), thanks for coming along! Thanks also to [@HillbankECC](#) for coming along and connecting with Ambassadors about what they need to support them with STEM!



6:43 am - 19 Feb 2020

3 Likes

🗨️ 🔄 ❤️ 3

STEM in The Gorbals
@GorbalsSTEM

Replying to [@GorbalsSTEM](#)

Cystic Fibrosis is a genetic condition and Dr Maria Jackson from [@UofGMSMedGen](#) explained the genetics of CF. After the talks there were activities! Summer and her friend extracting DNA from fruit. [@DanielWood96](#) showing children that DNA is found in the nucleus of a cell



[Daniel Wood](#)

3:24 PM · Jun 23, 2019 · Twitter Web Client



How to add an Activity to the digital platform

Adding an activity to the digital platform

Log into your account and select Advertise an Activity

ACTIVITIES

Advertise an activity

Draft activities

Upcoming activities

Require feedback


Closed activities

Cancelled activities

Browse

OFFERS

My profile



Name: Aileen Test Hamiltont
Email: aileenmhamilton@yahoo.com
Organisation: Boclair Academy
Current Role: Head of department

[Edit account details](#) [Edit personal information](#) [Edit organisation information](#) [Edit public profile](#)

CPD

- 0 You have 0 current CPD activities [View](#)
- 0 You have 0 recommended CPD activities [View](#)
- 3 There are 3 CPD activities near you [View](#)

Resources

- 0 You have committed 0 community resources [View](#)
- 0 You have created 0 collections [View](#)


Activities

- 0 You have 0 draft activities [View](#)
- 0 You have 0 upcoming activities [View](#)
- 1 You have 1 activity requiring feedback [View](#)
- 0 You have 0 closed activities [View](#)


Groups

- 0 You are a member of 0 groups [View](#)
- 0 You are a member of 0 CPD groups [View](#)
- 1 There is 1 group that may interest you [View](#)

Welcome back!
experts help you
today?

 DASHBOARD PROFILE CPD RESOURCES GROUPS MAGAZINE

STEM AMBASSADORS

 ACTIVITIES ▾ OFFERS ▾

Advertise an activity

About your activity

Activity name *

What do you want the STEM Ambassadors to do? *

Schemes

Where will the activity take place?

 Use my organisation address Online

Add a new location by postcode *

 Find

Address *

Town or city *

Participating schools/organisations

Which schools or organisations are participating? *

About the audience

Add your Activity Name – keep simple but descriptive and include youth/community group name and location

e.g. STEM Activities at Royston Youth Action, Glasgow

[DASHBOARD](#)[PROFILE](#)[CPD](#)[RESOURCES](#)[GROUPS](#)[MAGAZINE](#)[STEM AMBASSADORS](#)[ACTIVITIES ▾](#)[OFFERS ▾](#)

Advertise an activity

About your activity



Activity name *

What do you want the STEM Ambassadors to do? *

Employability skills session e.g. mock interviews/CV ▾

Schemes

Where will the activity take place?

Use my organisation address

Online

Add a new location by postcode *

Find

Address *

Town or city *

Participating schools/organisations

Which schools or organisations are participating? *

About the audience

Select type of activity from drop down list



DASHBOARD

PROFILE

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GROUPS

MAGAZINE

STEM AMBASSADORS

ACTIVITIES

OFFERS

Advertise an activity

About your activity



Activity name *

What do you want the STEM Ambassadors to do? *

Employability skills session e.g. mock interviews/CV

Schemes

Where will the activity take place?

 Use my organisation address Online

Add a new location by postcode *

Find

Address *


Town or city *

Participating schools/organisations


Which schools or organisations are participating? *

About the audience

Add venue details – your group may appear in postcode drop-down list, or you can type in details in address field

 DASHBOARD PROFILE CPD RESOURCES GROUPS MAGAZINE

STEM AMBASSADORS

 ACTIVITIES ▾ OFFERS ▾

Advertise an activity

About your activity

Activity name *

What do you want the STEM Ambassadors to do? *

Employability skills session e.g. mock interviews/CV 1 ▾

Schemes

Where will the activity take place?

 Use my organisation address Online

Add a new location by postcode *

 Find

Address *

Town or city *

Participating schools/organisations

Which schools or organisations are participating? *

About the audience

If you are planning to run an online session, select this instead of adding a venue.

You can choose to request an Ambassador from anywhere in the UK, or just from your local Hub region.



DASHBOARD

PROFILE

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MAGAZINE

STEM AMBASSADORS

ACTIVITIES

OFFERS

Advertise an activity

About your activity



Activity name *

What do you want the STEM Ambassadors to do? *

Employability skills session e.g. mock interviews/CV

Schemes

Where will the activity take place?

 Use my organisation address Online

Add a new location by postcode *

Find

Address *

Town or city *

Participating schools/organisations

Which schools or organisations are participating? *

About the audience

Select your organisation/group name plus any others which may be participating in activity

About the STEM Ambassadors you require

How many STEM Ambassadors do you think will you need? *

What general area of expertise should your STEM Ambassador come from?

 Biology Chemistry Computing Engineering Mathematics Physics Technology

What specific area(s) of expertise should they have? *

Promote your activity to STEM Ambassadors

What is the overall aim of your activity? *

Short description of your activity *

(This will be used to advertise your activity to STEM Ambassadors, so please describe what the STEM Ambassadors will be required to do as clearly as possible)

Measuring the impact of your activity

Please help us help you; we'd like to know what outcomes you want to achieve from this activity. It also helps us improve the programme. After the activity we'll be in touch again to ask how things went.

Impact for young people *

(Tick all that apply)

Complete the remainder of the fields as appropriate

You are now ready to publicise this activity – click on the ‘Add this Activity Button’ at bottom of the page

- Awareness and aspirations for STEM-related study and careers
- Building STEM identity e.g. by challenging stereotypes about STEM careers

Impact for you and your colleagues *

(Tick all that apply)

- Build our confidence and enthusiasm for STEM
- Ability to link (curriculum) learning with STEM careers and real-life contexts
- Support and enhance our passion for what we do
- Increase our knowledge of STEM subjects

Wider impact *

(Tick all that apply)

- Work with employers and Higher Education institutions to provide STEM encounters with young people
- Informed parents/carers about study options and job opportunities in STEM
- Building links across local community, including other schools and colleges
- Support other providers of youth activities and STEM enrichment (e.g. science museums, Scouts)

Clear

Add this activity

[ABOUT US](#) [FINDING US](#) [VENUE HIRE](#) [TERMS AND CONDITIONS](#) [PRIVACY POLICY](#) [COOKIES](#)

Activity created!

Please check the details of your activity before you publish it.

Activity name

Speed Networking

Total duration of activities (hours)

05:00

Expected date of activity

05/04/2019

Address24 Elvaston Place
SW7 5NL**Town or city**

London

Which schools or organisations are participating?

Eaton Square School, Kensington

Is this a one-off activity or a series of activities?

One

How many STEM Ambassadors do you think will you need?

2

Owner

Darren Hewbeck – Eaton Square School, Kensington

Participating schools

Eaton Square School, Kensington

What do you want the STEM Ambassadors to do?

Other

Short description of your activity

The aim of this event is to enable students to network with the world of work and find out more about the pathways and opportunities which might be available, and in particular more about the training, careers, apprenticeships and work opportunities that might be available to students within this sector. This activity will take place from 10-14:30. We are happy for STEM Ambassadors to support for a couple of hours or for the whole day. Timing: 9:30am - Ambassadors arrive to prepare 10am - Year 9 students arrive 11:30am - Break 11:45am - Year 10 students 12:45am - Lunch 1pm - Year 11 students 2:30pm - College students 3:30pm - Finish

What is the overall aim of your activity?

To enable students to network with the world of work

Ages of participants

7-11 years

11-14 years

Expected number of participants

10

Who are your participants?

Students

What general area of expertise should your STEM Ambassador come from?

Mathematics

Physics

Technology

What specific area(s) of expertise should they have?**Impact for young people**

Engagement, interest, enjoyment in STEM subjects

This will produce a DRAFT page for you to summarise and double check all details are correct

You can make further changes once it is published

If you want to copy this activity and make another similar one, click 'CLONE'

If you are ready to go live, click 'PUBLISH'

If you want to make further changes, click 'UPDATE'

You can also 'CANCEL' the activity if you decide to withdraw it

Activity Name
test

Total duration of activities (hours)
06:00

Expected date of activity
25/05/2020

Address
84 Speirs Road
G61 2LB

Town or city
Glasgow

Which schools or organisations are participating?
None

Is this a one-off activity or a series of activities?
One

How many STEM Ambassadors do you think will you need?
1

0 ambassadors have shown interest and 1 is needed for this activity
Here is a detailed view of their statuses:

Flag Activity in Hub

Activity Status
Alléen Test Hamilton – Boclair Academy

Participating schools

What do you want the STEM Ambassadors to do?
Hands on practical

Schemes
None

Short description of your activity
test

What is the overall aim of your activity?
test

Ages of participants
14-16 years

Expected number of participants
8

Who are your participants?
Governors

What general area of expertise should your STEM Ambassador come from?
Chemistry

What specific area(s) of expertise should they have?
None

Impact for young people
Learning what the workplace is like and developing employability skills

Impact for you and your colleagues
Build our confidence and enthusiasm for STEM

Wider Impact
Building links across local community, including other schools and colleges

Clone Activity Publish Update Cancel Activity



DASHBOARD

PROFILE

CPD



EMPLOYERS

ACTIVITIES

OFFERS

REPORTING

TRAINING

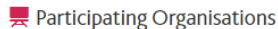
Kitchen Science Project - Community Group Activity at Linnvale Primary

29/11/2020 6 hours Linnvale Primary School

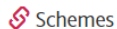
Number of Participants	Age Range	Ambassadors
20	4-5 years 5-7 years	1



Science Connects West Scotland Hub



Hands on practical



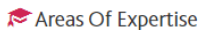
None



To raise awareness of STEM with young people and parents



This project will involve children and parents working together to prepare a healthy family meal, whilst developing knowledge of different science experiments, and sustainable sourcing/cooking of food. The project requires STEM Ambassadors to help deliver the kitchen science experiment element to the families attending, which would be an activity lasting 30 minutes for approx 20 participants (children and parents).



Address

Linnvale Primary School,
Livingstone Street,
Clydebank,
G81 2RL

Get directions

Flag as "Inappropriate"

Ambassadors confirmed

Update

Cancel Activity

Clone Activity

+ Add an Ambassador

When you have enough ambassadors to fulfill your activity, please select Ambassadors confirmed to remove it from promotion.

STEP 1

Sign in at
[www.stem.org.uk/
dashboard](http://www.stem.org.uk/dashboard)



STEP 2

Select '**Advertise
an activity**' in the
menu on your online
dashboard, fill in the
details and publish
your activity



STEP 3

STEM Ambassadors
will express an
interest in your
activity and you can
offer them a place



STEP 4

Once the STEM Ambassador
has accepted, click confirm
and **communicate through**
the integrated messaging
tool to arrange the details
for your activity



STEP 5

Complete
your activity



STEP 6

Give us
feedback on
your activity

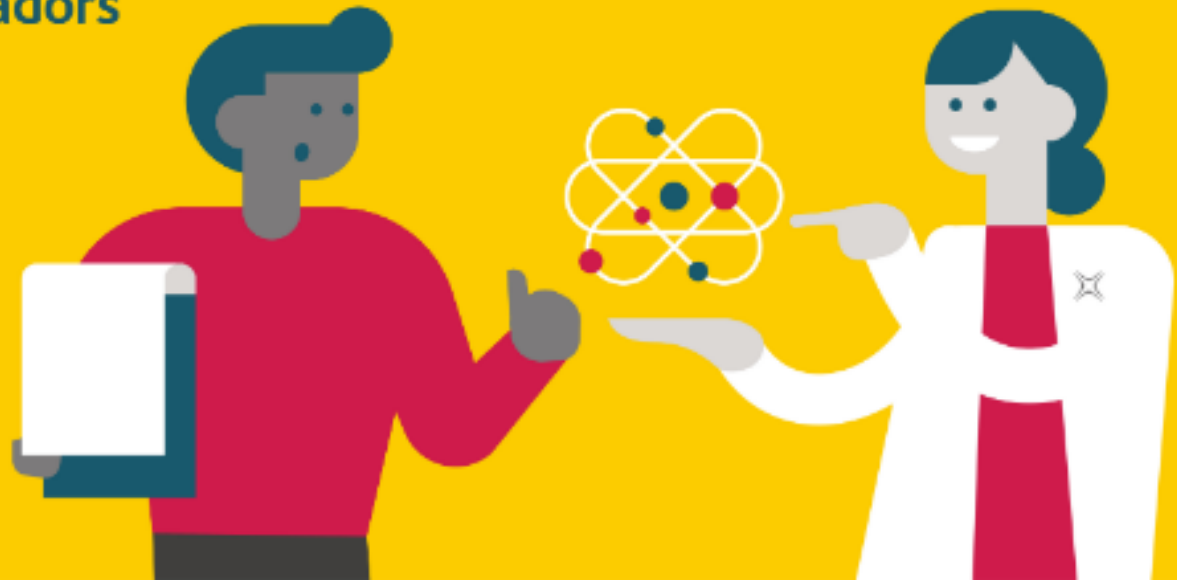


Find a STEM Ambassador for your activity: www.stem.org.uk/dashboard

After activity has taken place you will be prompted to leave feedback on the event

Take up an Ambassador's Offer

STEM Ambassadors
can now offer
activities to
schools and
youth groups



- Ambassadors can offer video calls, email chats or provide resources through “Offers”
- Select “Browse Offers” on database to see what is available throughout the UK (remove distance from postcode to see all)
- Express interest in any you want to connect with and message Ambassador to make enquiries and arrangements
- Need to create this as an activity on the platform for Ambassador to take part



How to take up an offer from an Ambassador



Browse Offers

35 Offer s found

You can view offers from Ambassadors from all over the UK – very useful for remote online support and chats

NAME	TYPE	OWNER	AMBASSADOR'S AREAS OF EXPERTISE	SUGGESTED PARTICIPANTS	SUGGESTED PARTICIPANTS AGE RANGE
A Home ZOOM Club, Physics, Engineering, some Maths experiments	Hands on practical	Paul Treble	Physics Engineering Technology	Students Youth group Teachers Parents/carers	7-11 years
Careers in geology/earth sciences	STEM careers talk and/or advice session	Penelope Lancaster	Chemistry Physics Engineering Technology	Students Teachers Technicians Parents/carers	11-14 years 14-16 years 16-19 years 19+ years Working with teachers
Careers in Maths (Maths Week at Work)	Other	Francesca Iezzi	Mathematics	Students Teachers	11-14 years 14-16 years 16-19 years Working with teachers
Civil Engineering P'point Presentations	STEM presentation e.g. assembly or learning	David John Martin	Engineering	Students	7-11 years
Do I need to be a programmer to work in IT?	STEM careers talk and/or advice session	Sarah Lean	Computing	Students Teachers Parents/carers	7-11 years 11-14 years 14-16 years 16-19 years 19+ years Working with teachers
Edu-Cater Global: STEM Role Model Life Cycle Webinar Series	STEM careers talk and/or advice session	Frida Nzaba	Chemistry Mathematics Physics Computing Engineering Technology	Students Youth group Teachers Technicians Parents/carers Governors Other	14-16 years 16-19 years 19+ years Working with teachers
Electron microscopy - imaging at the nanoscale	STEM presentation e.g. assembly or learning	Kathryn Kroon	Physics Technology	Students	16-19 years
Emma Richens	STEM careers talk and/or advice session	Emma Pratt Richens	Computing Technology	Students Youth group Teachers Parents/carers Other	11-14 years 14-16 years 16-19 years 19+ years Working with teachers
Emma Richens	Hands on practical	Emma Pratt Richens	Computing Technology	Students Youth group Teachers Parents/carers	7-11 years 11-14 years 14-16 years 16-19 years 19+ years Working with teachers
Energy and climate	STEM presentation	Kasturi	Engineering	Students	11-14 years 14-16 years

Search filters

Refine

Keywords

Distance from

City / Postcode

Participant ages

- 4-5 years
- 5-7 years
- 7-11 years
- 11-14 years
- 14-16 years
- 16-19 years
- 19+ years
- Working with teachers

Participant types

- Students
- Youth group
- Teachers
- Technicians
- Parents/carers

This time the Youth / Community Group Leader looks at offer in more detail and then clicks to express interest in the Ambassador

OFFER

Virtual Tour of Windfarm

30/09/2020 3 hours

Number of Participants	Age Range	Participant Type
10	7-11 years	Students

Owner

Aileen Margaret Hamilton

Offer Type

Hosting a visit to a STEM workplace

Aim

Understand how wind turbines work

Description

I work for Scottish Power and I can offer a virtual tour of our Windfarm at Whitelees, showing how they work and how we can use the turbines as a source of renewable energy.

Areas Of Expertise

Physics

Skills

Message

Express Interest

Messages & interactions

← Back

You have been offered this activity

Create activity

Withdraw

You



Send

Ok that time suits us thanks. I will create it as an activity on the database and choose the time I need it. Can you email me at hugh.hamilton@xx.sch.uk to organise the technology required etc. thanks
Hugh

You



On 09 Sep 2020 - 12:18 - Aileen Margaret Hamilton offered you this activity



Aileen M...
Hamilton

Hi Hugh, Nice to hear from you and great to know you want a tour of the windfarm. We offer it every Wednesday from 10-12noon. Does this suit?
regards Aileen

Hi I am keen to have your virtual tour of the windfarm for my community group. We are in Maryhill area of Glasgow thanks Hugh

You



On 09 Sep 2020 - 12:16 - You have registered interest in this offer

Youth /
Community
Group and
Ambassador
message.

Youth /
Community
Group creates
activity to
proceed

STEM
Ambassador who
is making the offer

Youth/Community
Group Leader



CONTENTS

Click on the
heading to jump
to that page

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What types of online support can
STEM Ambassadors provide?

What types of online activity are there?

- Conversation with a STEM Ambassador
- Pre-recorded video – a careers talk, subject talk, activity or experiment
- Live Q&A session or practical activity
- Mentoring/study support

If you aren't sure what to ask for remember to browse offers, or have a chat with your local Hub to discuss ideas



Spotlight on STEM Ambassadors

Displayed on Hub websites and used by Teachers and pupils for careers information and as a STEM resource



Video Spotlight on STEM Ambassadors

YouTube videos with STEM Ambassadors talking about their career journey. Can be used as part of a career event



Spotlight, In Conversation With..

30-minute online Live event for Teachers, young people and STEM Ambassadors to hear about unusual careers

I'm a Scientist Get me out of here

- Home
- Take Part
- Fund
- Find Your Zone!
- About
- Contact Us

Students talk with real scientists

I'm a Scientist is an online, student-led STEM enrichment activity. It connects school students with scientists through energetic real-time text based chats.

The activity is running through the autumn term.

From 2 to 27 November the [Health Zone](#), [Physics Zone](#), [Medical Research Zone](#), and [Psychology Zone](#) will be running. From 16 to 27 November, the [FUTURES Zone](#).


Find out more and take part this term:

- Teachers >
- Scientists >
- Funders >

Students can:

- Chat with real scientists, in real time
- Ask any questions they like
- Vote for their favourite scientists

It all happens online. It's safe and secure. It's free for UK schools.



Log in to I'm a Scientist UK

Log in using the username and password we sent you!

Username:

Password:

[Lost your password?](#)

Latest questions from students

were u ever bored in school?

Is it possible to make robots that think exactly like humans?

- Taking over Global Science Show for a day 12th March
- 60+ STEM Ambassadors offering short demos/talks over Twitter



← **Tweet**

 **The Global Science Show**
@GlobalSciShow

Calling all [#STEMAmbassadorsInScotland!](#) We're delighted to be running a show with the STEM Ambassadors network

Free [#scicomm](#) training included!

Fri 12 March! Sign up now!

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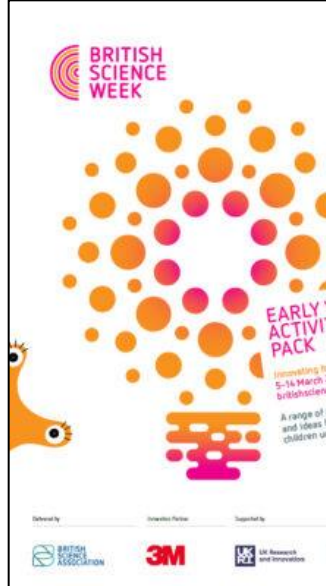
**GLOBAL
SCIENCE
SHOW**

Global Science Show - STEM Ambassadors Scotland
A virtual celebration of STEM Ambassadors in Scotland as part of British Science Week 2021
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The theme for this year is 'Innovating for the future'



About this activity

Spectrography is an incredibly useful process for astronomers and other scientists. It allows them to investigate the chemicals in objects found billions of miles from our planet. The atoms of different elements have their own distinct patterns, and by observing these patterns scientists can determine what objects such as stars or planets are made of.

Spectrography is not just about observing space, it also has numerous applications in the laboratory or in your very own home. In this activity you will investigate light and study it on an atomic level with your very own spectroscope.

Kit list

- Kitchen roll tube
- Two pieces of A4 black card
- Transparent CD
- Roll of packing tape
- Pencil
- Glue
- Pair of scissors

Next steps

How It Works is the action-packed magazine that's bursting with the answers to your curious questions - every issue is jam-packed with the most exciting advances in science and technology and features everything you need to know about how the world around you - and the universe - works. **Exclusive offer for schools and students!** Get *How It Works* for 6 months for £9.99 plus other great offers over on magazinesdirect.com/hwiw021 or telephone 0330 333 1113 and quote 89AA. Offer ends 30 September 2021.

Innovating for the future

Split light into different colours

HOW IT WORKS

Instructions

- 1 Take your kitchen roll tube and insert the black card so that it lines the inside. Then carefully cut off any excess and tape it in place.
- 2 Take the remaining piece of black card and place the kitchen roll tube upright on top of it. Draw and cut out a circle that is 1cm wider than the end of the tube.
- 3 Cut out a rectangle in the middle of your circle then stick the circle to one end of the kitchen roll tube. Next, taking the remaining card, cut two smaller rectangles and tape them either side of the central rectangle so that only a narrow slit is left open. It's very important that the final slit is straight and level at either side.
- 4 Take your CD and stick it onto the other end of the kitchen roll tube so that you can look through the transparent part and into the tube.
- 5 Check that everything is secure and there are no gaps in your spectroscope, then hold it up to a fluorescent light while looking

through the CD end of the tube. Do not put your eye directly to the CD, keep a distance of at least 15 cm. You should see a colourful, rainbow-like spectrum on the transparent surface of the disc. This works especially well if you cover one of your eyes.

The spectroscope is splitting the light into the colours of the rainbow. The CD screen bends the light as it passes through, filtering the wavelengths of the white light so that you can see all the colours of the spectrum. Try looking at different light sources like the TV, computer screen, or LED displays and see whether the spectrum of colours you can see is any different.

Skills set

Logical, Creative, Observant

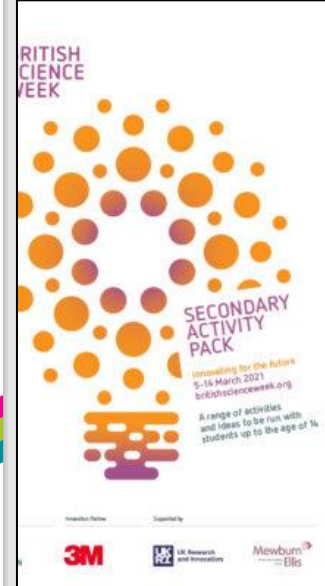
Career options

There are several career options that you could take that involve making use of the splitting of light: optometry. You can even use it in the manufacture of telescopes, binoculars, cameras and spectacles, amongst others.

Watch out!

Never use your spectroscope to look at the sun and don't look at any light source for too long. When using your spectroscope, never look through it with your eyes pressed to the viewing screen - always keep it 15 cm away from your eye.

for the future'





Q&A Session

Please put your questions into the chat box, or you can contact us after the session!


- If you have any questions at any time or want to find out more about STEM Ambassadors please email your hub:
- Debbie, North Scotland, stemambassadors@asc.scot
- Kerri, East Scotland, sae@sserc.scot
- Aileen & Ewa, West Scotland, stem-ambassadors@glasgow.ac.uk
- Or head to our Facebook, Twitter or LinkedIn page.

Scottish STEM Ambassador Hubs



North of Scotland

Aberdeen Science Centre

 Aberdeen City, Aberdeenshire, Eilean Siar, Highland, Moray, Orkney Islands and Shetland Islands.

stemambassadors@asc.scot

East of Scotland

STEM Ambassador East @SSERC

 Angus, Clackmannanshire, Dundee City, East Lothian, Edinburgh City, Falkirk, Fife, Midlothian, Perth & Kinross, Scottish Borders, Stirling and West Lothian.

sae@sserc.scot

West of Scotland

Science Connects

 Argyll & Bute, Dumfries & Galloway, East Ayrshire, East Dunbartonshire, East Renfrewshire, Glasgow City, Inverclyde, North Ayrshire, North Lanarkshire, Renfrewshire, South Ayrshire, South Lanarkshire and West Dunbartonshire.

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