



British Science Week (BSW) is a ten-day celebration of science, technology, engineering and maths that takes place between 5-14 March 2021. The theme for the week is 'Innovating for the Future'.

We've been working with STEM Ambassadors and other employer volunteers to come up with resources, recommendations of competitions, websites and so on to support the week. Remember to visit the [BSW](#) website for lots more ideas including the Early Years, Primary and Secondary activity packs.

Challenges and Competitions

BSW poster competition

BSW [official poster competition](#).



Teams of students are invited to come up with a simple step by step experiment or presentation that demonstrates a scientific principle used in refrigeration. Cool prizes are on offer from an iPad, cash and science kits. [More info](#).

Meet Our STEM Ambassadors factsheets and challenges

The [Meet the STEM Ambassador factsheets](#) provide an opportunity to find out more about some of our STEM Ambassadors and have a go at their student challenges. The following may be of interest for BSW:

- Fatima tuj mehjabin, BSc (Hons) Biomedical Science student
- Kavita Raniga, PhD Medicine student
- Leonie Briggs, Science Teacher
- Luke Fountain, PhD Researcher
- Michael Franks, BSc Planetary Studies student
- Rebecca Dewey, Research Fellow in Neuroimaging
- Sheri Scott, Biomedical Scientist and University Lecturer

Share your challenge entries with us on Twitter [@STEM_HUBNMSEY](#) or email enquiries@debp.org and we'll send you a digital certificate for each participant.

Events

BSW Assemblies

One of our STEM Ambassadors has pre-recorded a Lava Lamp Making activity - that can be used as part of your assemblies. **Available from 8am on Friday 5th March on [YouTube](#).**

We'd love to see you taking part - share with us on Twitter [@STEM_HUBNMSEY](#)

Science Week with Sheffield Hallam University

Exciting, action-packed [programme](#) ready to stream directly into your classroom or to students at home. Featuring live demonstrations, follow-along activities, and keynote talks from our expert scientists, the programme will explore engineering, biosciences, chemistry, physics and a whole lot more.

Our resources

#ExperimentsAtHome

STEM Ambassadors have done a range of [simple experiments](#) using items that should be able to be found around the home.

We've also been recommended these [Do Try These at Home](#) demonstrations from the Institute of Physics.



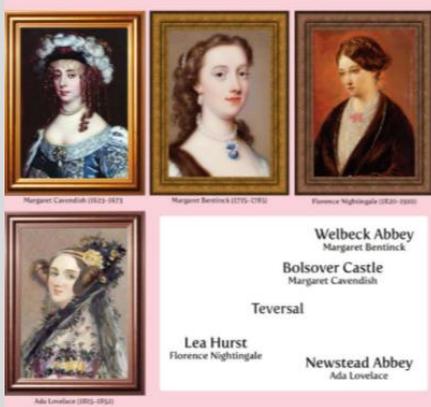
Our series of [podcasts](#) include ones related to Biology, Chemistry and Physics. We talk to employer volunteers, STEM Ambassadors and role models about their careers, their journey to get there and how the STEM subjects taught at school are applied in the world of work.

STEM Ambassador presentations/videos

Some of our STEM Ambassadors have been involved in creating some fantastic presentations and videos: Check out the following:

[Guess the animal from the x-ray by Shannon Khaliq, Veterinary Surgeon](#) – available from 8am on Friday 5 March.

Presentation showing photographs of animal x-rays. Press pause after each photo to allow time to guess.



[Living Room Session: Rebecca Dewey](#)

Rebecca is a research fellow in Neuroimaging. She talks to us about her career journey, explains how an MRI scanner works and what exactly happens in our brain when we hear things.

[Pioneers in Science by Andrew Jenkins, Agriculture Engineer](#)

Created for Ada Lovelace Day.

[STEM Ambassadors on Screen: Rebecca Dewey](#)

Rebecca explains how before lockdown, she spent a lot of time using MRI scanners, but since lockdown, instead she's spent a lot of my time listening to music. This video explains why an MRI scanner works just like an audio speaker.

[STEM Ambassadors on Screen: Leonie Briggs](#)

Alexandra, 7, interviews Leonie, about her role as a science teacher and company director of Amazelab.

[What happens to the human body when we go into space by Sam Moore, ST3 Doctor in Anaesthesia](#)

Created for World Space Week.

What's my job?

We've been asking STEM Ambassadors to put together videos and narrated PowerPoint presentations giving clues about their job role or equipment used in their job role. Can you guess correctly? **Some science related roles available on [YouTube](#) at 8am on Friday 5 March.**

Others available on request at ambassadors@debp.org

Websites



Amazelab, is a STEAM company with the aim of providing engaging opportunities to people via workshops, video link, activity packs, follow along factsheets, and guidance open to all from educational settings to non-school groups and everyone in between. Their [YouTube channel](#) has lots of activities and activities to have a go at.

STEM Learning

Check out the [resource collection](#) with lots of activities suitable for BSW.

SunSpaceArt

STEM Ambassador, Helen Snell has recommended this website which has lots of space activities for primary schools. There is a series of seven [PDF workshops](#) and five short [video activities](#) which cover space science.

Also as a visual artist, Helen specialises in work around space and innovation. She was the winner of the Arthur C Clarke Award for Outreach and has been involved in this virtual exhibition: [Off Balance](#).

National STEM Club

The [National STEM Club](#) provides an opportunity for young people, families and schools to take part in club sessions provided by STEM Learning. They take place every three weeks during term time but past sessions are now available on [YouTube](#).

We regularly share information on our resources and other resources we recommend via our website www.debp.org and via our social media channels. Please follow us.



We hope you find them useful!