

News Update

As we come to the end of the summer term, in what has been unprecedented times, we hope that as lockdown eases we can now all achieve some sense of 'normality' and look ahead positively to the future.

We have all had to change and adapt over the last few months and it has been a great opportunity to diversify and try out a new way of working. We have updated a number of our online resources, taking elements of both the [Conservation](#) and [Explorer](#) Pathways to create 'Bitesize Global STEM Awards' that are ideal for home learning and fully downloadable as a package. We are looking to develop this further and introduce Coding and Aviation Pathway resources in this way very soon.

If you're shopping on Amazon then please use **Amazon Smile** and opt for Amazon to make a donation to STEM Without Borders every time you shop. Simply shop via the link www.smile.amazon.co.uk. You will need to select **STEM Without Borders** as the charity to support. STEM Without Borders is the charitable organisation behind the Global STEM Awards. Funds raised for STEM Without Borders are used to promote STEM Education in developing countries across the world. Work here has already provided educational resources, including laptops for a school in Cambodia.



Crumble Cookbook and the GSA Coding Pathway

The [Crumble Cookbook](#) is here and is ready to go! In response to demand for straightforward guides to Crumble project the cookbook contains easy to follow projects, clear graphics, code examples and basic to advanced activities. Ideas for the Global STEM Award Coding pathway are in there. This cookbook covers sparkles and sensors with Cookbook 2 coming soon to cover things that move.



Launching: 'PLATINUM' level Global STEM Award

We are delighted to work alongside Hornsea School & Language College to pilot the Platinum level of the Global STEM Awards with their 6th Form students. From September, a group of Year 12 students at the college will have the opportunity to work alongside local STEM-based businesses to research and help find solutions to a variety of challenges. The EPQ style of work that students produce will be accredited with the Platinum Award.

"The platinum award is an exciting development in the delivery of the vision to provide further motivating experiences in STEM engagement and we're looking forward to working with Hornsea to support their post-16 students." -Mike Cargill.

Virtual Work Experience

We are proud to announce we have just taken part in our first virtual work experience – Emma Bowen, from Howden School, took part in two weeks of experience with us, taking part in Zoom meetings with Mike and completing projects and activities for the company. You can read her blog about it [here](#).

'It's been brilliant having Emma here for virtual work experience. It's a first for the company and we've all really enjoyed it! We hope that she found it interesting and it will influence her career in the future.' – Beckie Cargill

This is what Emma had to say:

'My work experience with UK STEM has been amazing! I've been able to work on things I've barely tried before (with lots of help from Beckie Cargill) and have met new people in the industry. Even though I'm not in an office, I've still been able to access support and resources - the crumble has become my new favourite toy. There's been some research involved and I've enjoyed learning new things. In summary, this experience will really help me when I start work because I now understand how to communicate professionally and how to manage my time and tasks.'

– Emma Bowen



IET Funding to support NE Lincs Home Schooling

Yee ha! The funding came through!! A group of home educated children in NE Lincs will have the opportunity to get to grips with robotics and coding through a series of pop-up robotics clubs in October. Made possible by funding from the IET/IMechE Engineering Education Grants the projects will all lead towards Global STEM Awards and provide kit for the projects to be sustainable beyond the initial funding.

And Finally...

If you would like to share your GSA news and successes with us to include in the next e-news, please contact Sally@ukstem.uk.

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