

News Update

Welcome to our E-Update for December 2019. As we speed up towards the end of 2019, it's great to reflect on a busy first half of the autumn term. The term has included visits to Azerbaijan and London and an exciting STEM activity week in Yorkshire with 70 young Chinese students! We hope that you enjoy our latest update and we wish you a very merry Christmas and a happy STEM-filled 2020!

Did you know... That every Global STEM Award purchase supports our registered charity 'STEM Without Borders' STEM Without Borders (Charity Reg Nr 1181302) was launched in 2018 to support STEM learning and activities in deprived areas of the world.

UK/China Global STEM Awards International Programme 2019

In October we welcomed 71 young Chinese students and their 8 teachers to Yorkshire for a week of fun, STEM activities. The visit to Yorkshire was part of a 3-week visit to the UK, where the group from two schools in Beijing immersed themselves in our International Programme that included visits to York, 'The Deep' in Hull, Magna Science Park in Rotherham, the University of Hull as well as visits to two local secondary schools, where the young Chinese students participated in lessons with English students. The highlight of the week was an Apollo 13 Challenge at the University of Hull where mixed teams of Chinese and English students worked together to complete a challenge to design and build a communications tower on the moon! Following this, the Chinese group visited Cave Castle to receive their bronze Global STEM Awards.



Global STEM in Azerbaijan

Presenting the Global STEM concept and curriculum with Denford F1 in Schools to the country's first STEM conference was an immense honour and it illustrated the huge interest many countries have in our UK based STEM education. The Target STEM High School in Baku hosted the conference with support from BP and the Ministry of Education that attracted over 100 teachers from surrounding schools. Alongside colleagues from Turkey and Russia UK STEM presented an overview of the UK position on STEM and delivered workshops on STEM challenges including Denford primary F1 in Schools and the wind turbine challenge Supergrid. We are now planning to support the school with a STEM camp in the UK for Azerbaijan students during which they'll be completing their Global STEM Award projects.



New Scientist LIVE Show – London Excel October 2019

It was great to meet Global STEM Award members old and new at the New Scientist LIVE show at the Excel stadium in London last month. We teamed up with our partners from Redfern Electronics to hold an 'out of this world' space-themed stall over the 4 days of this incredible show. We had lots of fun at the show and it was fantastic to see the interest from visitors to our stand as we launched our newly developed Conservation and Explorer Pathways resource books at the show. The books, which are currently being printed, contain a variety of resources and project activity ideas to support the Global STEM Awards and will soon be available to purchase.



New for 2020... STEM Twilights!

14th January: <https://www.eventbrite.co.uk/e/stem-drop-in-tickets-84851498115>

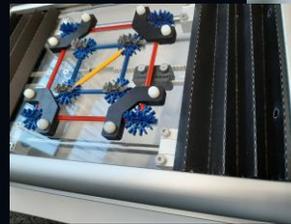
- Coding with Crumble
- Earthquake shake table – new and brilliant!
- Global STEM Award

12th February: <https://www.eventbrite.co.uk/e/stem-drop-in-tickets-84855014633>

- Mini USB temperature and light data loggers
- Supergrid – wind turbine challenge
- Global STEM Award

25th March:

- Planet Maths – the new math's resource
- Coding with Crumble
- Global STEM Award



Drop in, take information and photos – stay for as long as you want!

Some kit will be available to buy and some to loan. All kit will be there to try out (plus tea and coffee).

Find us at Innovation Centre, Innovation Way, York, YO10 3DG (please note this is not STEM Learning). If you let us know you are coming, we will arrange a parking permit for you so parking is free of charge. Email mike@ukstem.uk for more information.

And Finally...

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

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