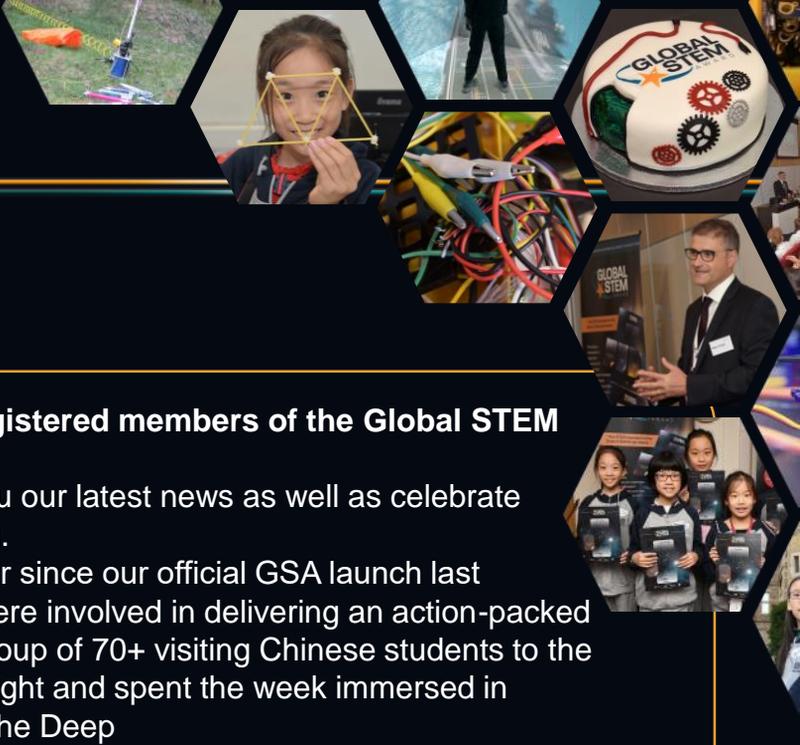


GLOBAL STEM AWARD



News Update

Welcome to our first e-update for registered members of the Global STEM Award.

We wanted to keep in touch to bring you our latest news as well as celebrate recent awards that have been achieved.

We're coming to the end of our first year since our official GSA launch last September when the UKSTEM team were involved in delivering an action-packed STEM learning week for a wonderful group of 70+ visiting Chinese students to the UK. The students were an absolute delight and spent the week immersed in everything STEM, from workshops at The Deep in Hull and activities at the National STEM Learning Centre in York, to participating in lessons at local East Yorkshire secondary schools and visits to the University of Hull. All students were able to claim a bronze Global STEM Award by the end of the week – our first award ceremony taking place at Cave Castle near Hull. We now look forward to a new group and similar activities visiting us in October later this year.



Congratulations...

To everyone that has completed a Global STEM Award this year – it's been great to hear about all your projects. SS Peter and Paul Catholic Primary Academy have completed bronze awards with the support from the University of Wolverhampton and the team within the faculty of Science and Engineering; we have also had students from South Lee School in Suffolk achieve bronze awards as well as students from Axholme Academy, N. Lincs.



We're quite literally going 'Global'!

Global STEM Awards by name but also the UKSTEM team have been travelling across the world in the last 12 months to bring STEM activities to life on a global platform. This time last year Mike, Ali and Sally accompanied a group of 6th Form students on a volunteering expedition to Cambodia. The funds raised from the GSA via our charitable partner organisation 'STEM Without Borders' supported the purchase of a range of STEM resources and equipment, including Crumble kits that we were able to take into the classroom at schools in very deprived communities in Cambodia. The school children thoroughly enjoyed learning about Crumble and how to modify/adapt these learning projects to challenges faced in their own communities. One of the projects, led by the 6th Formers included a water irrigation project and another looked at how light sequencing could help to decorate a model tuk tuk!

We hope that STEM without Borders will continue to grow and develop to help bring other opportunities like this. STEM Without Borders receives 10% of income from GSA's.

Since the Cambodia expedition UKSTEM has represented GSA up and down the country attending The Bett show in London earlier this year and then, more recently the Primary Science Conference in Edinburgh – it's been great to talk all things STEM with like-minded teachers and educators keen to inspire and motivate young minds.

Other overseas visits this year has also included a trip to China – Wuhan and Beijing – where educators are keen to look at introducing GSA in their STEM Clubs and schools; and finally Mike has also motored across the Pyrenees in the UKSTEM Land Rover launching rockets all in the name of STEM in the Mountains!



What's New?



What's New?.....

Watch out for information on our website soon www.ukstem.uk for news on our Global STEM Award kits. We have been **working with Redfern Electronics Ltd and Mindsets (UK) Ltd** in developing packaged kits of resources and equipment to provide everything you need to support a STEM curriculum, deliver projects, and the Global STEM Awards with your students and learners at a very competitive cost.

We are thrilled to announce new partners in the last few months and we welcome the Children's University as GSA accreditors and The Yorkshire Wildlife Trust as a key contributor to some new GSA project worksheets linked to conservation and the environment. Check out www.ukstem.uk/news for all the details.

Completing a Global STEM Award shows that you...

- ...can use science, maths, technology and other subjects as relevant in problem solving and/or research and/or investigation and/or to create engineered solutions
- ...understand the geographical location of your projects and the place of your project in the world or beyond
- ...understand the key aspects and challenges of that location as such as climate, geology, population, remoteness
- ...are able to explain why their project is important in its particular geographical location
- ...are aware and can explain the importance of at least 2 STEM professionals who would make your project happen in real life
- ...can work on and complete a range of projects for an extended period of time over successive sessions

And Finally...

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

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