

## **News Update**

As we write this e-update we are in the midst of unprecedented times since the arrival of the COVID-19 pandemic. Our thoughts and good wishes are with all our friends and colleagues in the UK and around the world at this time.

We are hopeful that our plans to hold our international STEM camps later this year will still take place and we continue to plan and develop these activities alongside the celebrations of successes of all the people achieving their Global STEM Awards, whether this is in schools, STEM or Science Clubs or within the Home Educator communities.

Once again we'd like to take this opportunity to wish you all good health and thank you for your continued support.

## **Global STEM Award Celebrations...**

It's always good to hear about your successes and celebrations in achieving Global STEM Awards and we are delighted to be sending out our first batch of Silver Awards to SS Peter and Paul Primary School in Wolverhampton. Pupils that completed their bronze awards last year have now progressed to complete 4 projects in total for their Silver award and they have also had more pupils join to complete bronze this term. Well done to Miss Field and her pupils!

Huge congratulations also to the young people that attend Femtinos STEAM Club session in Birmingham in completing their bronze awards this term. Their bronze projects have included work based around electric cars within the location of Asia and energy sources and generation in the UK.

## **STEM Without Borders**

We are pleased to introduce charitable organisation STEM Without Borders who are now licensed to promote and sell Global STEM Awards.

STEM Without Borders was set up 2 years ago to promote and support STEM educational opportunities for children and young people in underdeveloped countries overseas. In 2018 the charity visited and supported an NGO school in rural Cambodia and another in Siem Reap, by donating some Crumble kits and delivering teacher training, creating lots of excitement and interest there. This is a link that the charity hopes to develop further as well as looking to connect with another school in Morocco later this year.

All income raised by the charity through Global STEM Awards sales will support these projects.



Simon Billington, Stem Without Borders Chair says: "I am very excited to announce that Stem Without Borders will now be offering the Global STEM Award as part of our work in supporting young people in STEM learning. Developed by UK STEM Ltd in partnership with Mindsets UK and the University of Wolverhampton the Global STEM Award (GSA) gives young people the opportunity to engage in exciting and relevant projects across a wide range of contexts and in different locations around the world. STEM Without Borders was set up in 2018 to support children and young people in underdeveloped countries overseas in the education and promotion of STEM learning and we see the Global STEM Award as a perfect match with our current projects and aspirations for the future.

For two years we have worked alongside Hornsea School to support My Happy Village Cambodia School in Cambodia and this year we are looking to extend our work into Morocco in support of Africa Code Week. Income raised through the sale and support of the Global STEM Awards will help us provide much needed support, training and opportunity in support of Africa Code Weeks mission to *".....build community capacity to drive sustainable learning impact across Africa, instilling digital literacy and coding skills in the young generation."*

STEM Without Borders also welcomes Joseph Birks on board as a trustee. Joseph is CEO of Redfern Electronics and Mindsets and founder of the Crumble.



## **Global STEM Awards Pathways – new resources books available soon:**

A number of STEM Clubs and education providers have asked about us producing a Global STEM Awards project resources book and very soon we will have a Conservation, Explorer and Crumble Pathways books for purchase. The books provide a detailed Global STEM Award curriculum with lots of ideas and activity ideas linked to either conservation, exploration or Crumble (coding) themes to support STEM Clubs, Home Educators or for schools looking for a STEM curriculum.



## Learn and Earn a Global STEM Award at Home!

With schools closing, STEM and Science Clubs on hold for the foreseeable future we will shortly be publishing our Bitesize Global STEM Awards project resources as home-learning packs for young people to continue to develop their STEM research and investigative skills independently. There will be two projects available from each of our Pathway themes: Conservation, Explorer, Coding (Crumble) and Aviation.

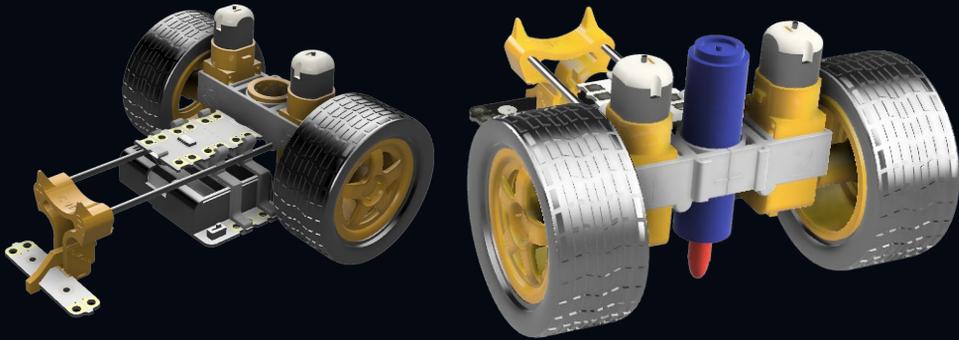
These resource packs will be available to download free of charge from our website and can be used as a project journal with step by step tasks to work through to complete the project.

In completing two of these projects, learners can earn the Bronze Global STEM Award. Further details on this will be coming soon via our website and social media platforms Twitter @globalstemaward and Facebook @ukstem.

## Meet the "CUB"!

We are pleased to launch our new Crumble Universal Buggy or CUB! It's designed to support the GSA Coding pathway as you can do a multitude of projects with it. You're 'in the driving seat' and it draws, follows a path and avoids obstacles. As the 'Programmer' you code and it does whatever it's told! It can also be customised so that you can create your own style that could be for carnival time or as a space exploration vehicle.

The CUB is now available from the UK STEM website: <https://ukstem.uk/product/cub/>



## 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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