



News Update

We hope that the new academic year has got off to a good start for you? Albeit perhaps with many new changes to the way you are 'doing things'!

We thought that to try to maintain some kind of 'normality' in these strange times that we would send you our Autumn term e-update on all things happening or recently happened with the Global STEM Awards.

Royal Academy of Engineering pathway into the Global STEM Award

We're delighted to announce that by completing the Royal Academy of Engineer 'This is Engineering' activities and claiming their digital badges your students can quickly progress to Global STEM Award.

You can access the RAEng resources and activities from your local RAEng Teacher coordinator and from here: <https://stemresources.raeng.org.uk/resources/enrich/this-is-engineering-entertainment>

Conservation pathway now available

Conservation is often overlooked in the STEM world but through partnering with organisations from both New Zealand and the UK we have made the projects in the conservation pathway the most exciting and diverse projects yet. They're all highly relevant to current environmental and ecological issues and support the eco work of any school. They're available now from the [UKSTEM website](#).

Make Science week 2021 amazing with the Global STEM Awards.

As you plan your Science Week for 5-14 March 2021 the Conservation, Explorer and Coding routes leading to the Global STEM Awards all fit the spirit of the week. BTW, you also can apply for a grant of £700 to run your activities here: <https://www.britishecienceweek.org/about-us/grants/>



Global STEM Award presentations: Congratulations to

Findlay James-Bruce from Aberdeenshire who completed the bronze Global STEM Award in August.

Findlay completed projects on both **Exploration and Entertainment**. The **Exploration** project was based upon space exploration and Findlay designed a rover model out of Lego as part of his project, complete with solar panels to explore the rocky surfaces of the planet Mars. Findlay's **Entertainment** project was based upon the biggest carnival of the Caribbean, in Trinidad, South America. Findlay researched the music of the carnival and also designed a carnival costume which he showcased as part of a poster that he created for this project.



If you or any of your students have recently completed a Global STEM Award and would like us to showcase it in our next e-Update – please send details to Sally@ukstem.uk

Global STEM Awards go PLATINUM!

We mentioned in our last e-Update that we are pleased to be working with Hornsea School 6th Form and their STEM Pathways students in piloting a **Platinum** level of the Global STEM Awards. Year 12 students at the school will be working on a project with the Head Civil Engineer from a local construction company. The project will be based upon the recent rebuild of a leisure centre and student will be tasked with coming up with their own design ideas where they will also need to think about costs of materials and resources, space requirements as well as aesthetics.

Digital Global STEM Awards

We will shortly be introducing digital awards badges to complement our Global STEM Awards. Students will be able to claim digital bronze, silver and gold badges instead of paper certificates. This will not only help to reduce paper usage but will also enable students to add a link or QR code to their CV's so that prospective employers can see how they have achieved their Global STEM Awards.

We will update our website with further information on this as soon as they become available.

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