

TROPHY DESIGN COMPETITION



SCIENCE FOR
DEVELOPMENT AWARD



DEADLINE
Wednesday
19th April
2023

Self Help Africa and Irish Aid are seeking proposals from young designers to be presented to future winners of a special award at the annual BT Young Scientist & Technology Exhibition - the Science for Development Award.

The winning design will receive a monetary prize of €500.

An artist or craftsperson will be commissioned to make the winning design a reality.



**Self Help
Africa**



Irish Aid
An Roinn Gnóthaí Eachtracha
Department of Foreign Affairs

TROPHY DESIGN COMPETITION



Seán Byrne from Avondale Community College being presented with the existing trophy by Minister Helen McEntee in 2019.

The trophy will celebrate projects tackling **sustainable development challenges faced by communities around the globe**. Designs will be judged on their **representation of using science and technology to overcome environmental and social justice issues**, specifically those affecting communities in poorer countries of the world.

Students are encouraged to seek design inspiration from the award criteria (listed overleaf) as well as past winning projects of the Award. The trophy could depict the natural environment, people, tools, or be abstract in nature, and consideration of the material it will be made from is relevant.

In addition to €500, the winning creator(s) will be acknowledged within future promotion of the award.

The existing trophy was created by an Irish craftsman from a combination of African hardwood and Irish marble and depicts a hand-pump used to draw water.



APPLICATION PROCESS

Applications and enquiries must be sent by email via your teacher to schools@selfhelpafrica.org.

Please write **'SCIENCE FOR DEVELOPMENT TROPHY DESIGN'** in the subject line.

Download your application form at selfhelpafrica.org/ie/education/science-for-development

A submission can be made by an individual student or a group of students. It must be made on the accompanying application form and submitted with up to three jpeg images that can be sketches, photographs, or a combination of both.

To help you with ideas for your design...

- Can you think of positive images of Africa?
- Can you picture images of unity, partnership, solidarity, social change - in the context of the Global South?
- Can you think of an empowering image of working the land, of the universal need for access to sustainable, healthy food?



MORE ON THE AWARD

The winning student scientists receive the perpetual trophy that is retained at their school for the following year. Together with their teacher, they also receive an Irish Aid sponsored travel bursary to enable them to travel with Self Help Africa to one of their programme countries on a study visit where they have the opportunity to carry out field research on their project, interact with African student counterparts, and to meet local communities who could benefit from their research.



Science for Development 2017 winners Jack O'Connor and Diarmuid Curtin from Desmond College demonstrating their ergonomic planter with farmers in Malawi



In 2022 Jona Garcia, Claudine Mulihamo and Iman Shittu from St. Louis Secondary School in Dundalk won the award for their project: 'A renewable and electricity-free cooling system for food refrigeration that can combat world hunger', identifying the enormous challenge of food waste in countries where people live without electricity.

Read about more past winners on our website



AWARD CRITERIA

The winning project of the Science for Development award should:

1. Show a clear understanding of the causes of poverty, injustice and inequality in a Global South context and a willingness to learn more.
2. Use appropriate and sustainable technology, solutions and/or materials that can be adopted and implemented at local community level in the Global South.
3. Demonstrate a clear understanding of the local context, target audience and needs, which the project is designed for.
4. Demonstrate an understanding of the connections between the local (Ireland) and the global level in relation to the chosen development issue and project, as well as an understanding of a partnership approach to development.

CONTACT US:

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For more on Self Help Africa's Development Education programme, visit selfhelpafrica.org/ie/education/

