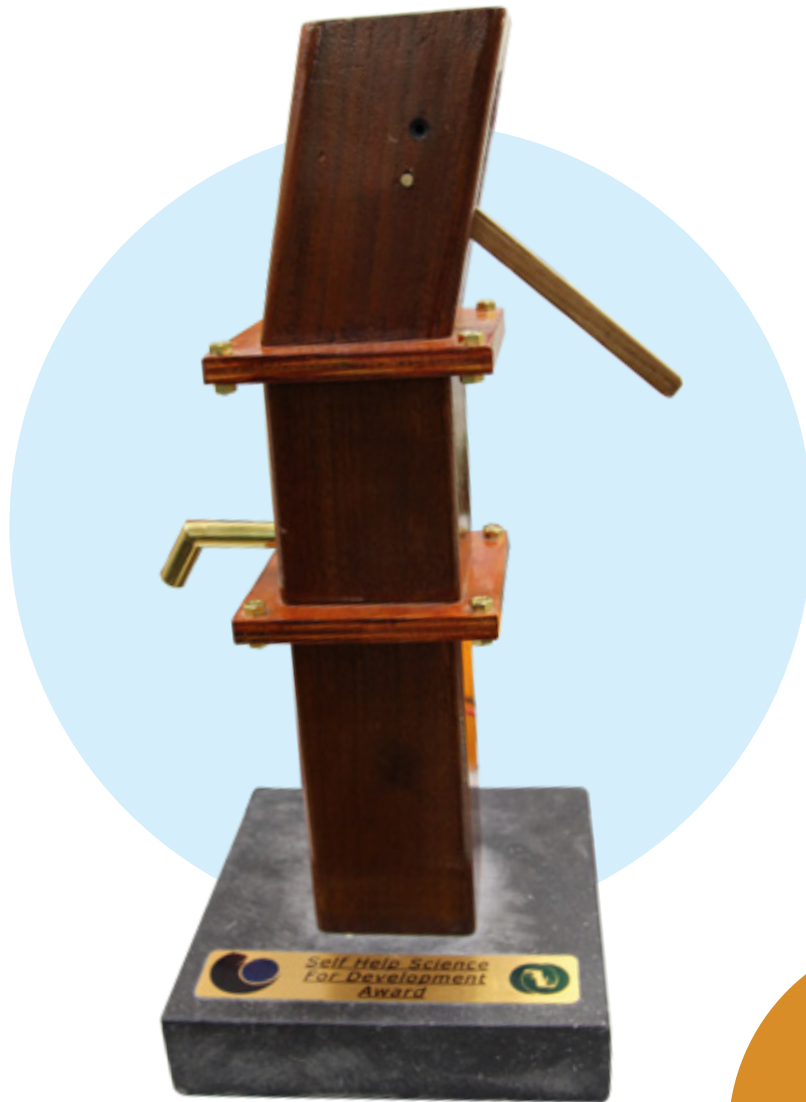


STUDENT COMMISSION

DESIGN THE
SCIENCE FOR DEVELOPMENT
TROPHY



BT YOUNG
SCIENTIST &
TECHNOLOGY
EXHIBITION



SCIENCE FOR
DEVELOPMENT AWARD



**Self Help
Africa**



Irish Aid

An Roinn Gnóthaí Eachtracha
Department of Foreign Affairs

Self Help Africa and Irish Aid are seeking submissions from creative, artistic students, for a commission to design and create a new trophy to present to the winners of one of the most prestigious prizes awarded at the annual BT Young Scientist and Technology Exhibition.

The Irish Aid/Self Help Africa 'Science for Development Award' has been presented to a winning student science project at the BT sponsored student science fair, for the past 17 years.

The award, which was devised to encourage students to consider and address the challenges that face people and communities in economically poorer regions of the world, is one of the most sought-after prizes at the event.

"Students are not being asked to come up with answers to these problems; rather, they are being asked to think about the challenges, and in their BTYSTE project identify how they might apply science to addressing some of these issues," explained Self Help Africa's Global Citizenship Education co-ordinator, Dorothy Jacob.

The winning students receive the 'Science for Development Award' as a perpetual trophy that is retained at their school for the following year. Together with their teacher, the winner also receives an Irish Aid sponsored travel bursary to enable them to travel with Self Help Africa on an annual Schools Study Visit to a country in Africa. On this visit they are provided with opportunities to interact with African student counterparts, and to meet local communities with Self Help Africa.

NEW TROPHY

Irish Aid, in collaboration with Self Help Africa, are inviting Irish student designers to come up with ideas and a plan for the creation of a new 'Science for Development Award,' to replace the trophy that has been presented since the inception of the prize.

A monetary prize of €500 will be awarded to the chosen design, while funds will be provided to enable an artist or craftsman to make this design a reality, in advance of the BT Young Scientist and Technology Exhibition, next January.

The new prize will be unveiled at that event, and will be presented to the winning entrant by the Minister for Overseas Development and Diaspora, or a senior representative of Irish Aid, on that occasion.

The existing Science for Development trophy, (pictured right) was created by an Irish craftsman from a combination of African hardwood and Irish marble. It depicts a hand-pump, similar to many that are used to this day to draw water on the African continent, and many that were used in Ireland in yesteryear.



HOW TO ENTER

Completed design proposals should be submitted to schools@selfhelpafrica.org before Friday, 30th of September 2022.

Applicants will be required to make their submission on the application form that is available to download, including an outline of the design concept, up to three jpg images that can be design sketches, illustrations or photographs.

The design can depict people, landscapes, tools, the natural environment, or be abstract in nature, and can be rendered in any material. Consideration of the material and the source of material being proposed, is relevant.

Please note that a submission can be made by an individual student or a group of students from each school.

Within the submission the applicant should offer suggestions on the materials to be used in manufacturing the award.

A prize of €500 will be awarded to the creator of the winning application, while a budget will be allocated for the manufacture of this prestigious award. The creator of the new 'Science for Development Award' will be acknowledged

within the future promotion of this prize.

TROPHY SPECIFICATIONS

Maximum dimensions of finished trophy should not exceed:

- Height 35 cm
- Width 15 cm
- Depth 15 cm

The trophy should weigh no more than 3 kg and chosen materials cost no more than €300. A plaque of 8.5 x 2.5 cm must fit on the design to feature award title and sponsor names.



CONTACT US:



www.selfhelpafrica.org/ie/education



01 6778880

Contact Dorothy Jacob at:
schools@selfhelpafrica.org
086 8654170



**Self Help
Africa**

- Submit your entry to this student design competition by e-mail through your teacher, clearly marking that it is a submission for consideration for this award.
- To do that, write 'SCIENCE FOR DEVELOPMENT AWARD COMMISSION' in the e-mail subject line.
- Mails should include the name of the student entrant, school, and age of the entrant, together with the name of their teacher.
- e-mail to schools@selfhelpafrica.org to arrive before Friday, 30th of September 2022.

WHAT IS THE SCIENCE FOR DEVELOPMENT AWARD?

The “Science for Development Award” is presented at the BT Young Scientist and Technology Exhibition to a research project that addresses a social/environmental/health challenge faced by communities in the world’s poorest countries.

The award is organised annually by the Global Citizenship Education team at Self Help Africa, and is sponsored by Irish Aid, the Government’s official International Development programme, administered by the Department of Foreign Affairs. This provides the winner with a travel bursary to fund the cost of one student and their teacher to travel on a fact-finding/field testing visit to Africa.

Previous winning projects have included a fuel-efficient cooking stove, solar-powered water purification devices, ergonomic seed planting tools, research on traditional home-births and on the treatment of dairy produce.

WHO IS ELIGIBLE TO ENTER THE SCIENCE FOR DEVELOPMENT AWARD?

This award is open to any entrant (individual or group) who has been accepted in the Intermediate or Senior sections of the BT Young Scientist



& Technology Exhibition, and whose project addresses a social/environmental/health challenge faced by communities living in the Global South.

Projects could include:

- Biological and Ecological Sciences
- Chemical Physical and Mathematical Sciences
- Social and Behavioural Sciences
- Technology

Learn more about the competition:

www.btyoungscientist.com

www.selfhelpafrica.org/ie/education/

www.irishaid.ie/teaching-and-learning/postprimary/science-for-development/



Minister of State for European Affairs Helen McEntee with ‘Science for Development’ winner Timothy McGrath in 2018



‘Science for Development’ Winners 2015 Zoe McGirr and Megan Duffy from Oakgrove College.