

Faculty of Natural Sciences

Schools Science Competition 2019



Global Goals- What could you do to change the world?

We are very pleased to announce the launch of the Schools Science Competition 2019.

Now in its 5th year, the competition is free to enter and is open to teams of pupils from secondary schools, or home-schooled groups.

This year's theme focuses once again on the *UN's Global Goals for Sustainable Development*. Teams are asked to select a specific goal and to come up with a new and innovative scientific solution in response to this- see full details over the page.

The best teams will be invited to present their idea at a showcase event at Imperial College in front of a live audience and a panel of VIP judges.



INFORMATION FOR SCHOOLS:

The competition is open to teams of students of all ages from secondary schools, or home-schooled groups. Each team must comprise of a maximum of 4 students and must be mentored by a named Science, Maths or Design & Technology teacher from their school, or a home-educator.

The mentor must pre-register the team by **Monday 03 December 2018**, by completing the online Team Registration Form which can be found via the competition webpage at:

Teams will be asked to focus on one of the following specific Global Goals and to come up with a new and innovative scientific solution in response to this:

- **Zero Hunger-** End hunger, achieve food security and improved nutrition and promote sustainable agriculture
- **Good Health and Wellbeing-** Ensure healthy lives and promote well-being for all at all ages
- **Clean Water and Sanitation-** Ensure access to water and sanitation for all
- **Affordable and Clean Energy-** Ensure access to affordable, reliable, sustainable and modern energy for all
- **Climate Action-** Take urgent action to combat climate change and its impacts
- **Life Below Water-** Conserve and sustainably use the oceans, seas and marine resources
- **Life on Land-** Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss

To enter, teams must create a 5 minute film that: briefly outlines the Global Goal they have selected; describes their innovative solution; explains the science behind the idea; and illustrates how their idea would address the goal. Guidance on making and editing a film can be found on the competition webpage.

The film must be submitted online, via a submission form which will be sent to all pre-registered teams. Submissions must be made by **Friday 25 January 2019**.

The best teams will be selected by a shortlisting panel and the successful entrants will be notified by **Monday 04 February 2019**. Further details of the format of the live final will be provided at this stage.

Where possible, visits will then be made to each successful school by the competition manager, in order to help the teams prepare for the final.

The successful teams will be invited to present their film and pitch their idea at Imperial College London at a final showcase event on the evening of **Wednesday 27 March 2019** in front of a live audience. The winning team and runners-up will be selected at the final by our panel of VIP judges.

Any questions regarding the competition should be directed via email to Rebecca Middleton, Faculty Education Manager at: fonsschoolscompetition@imperial.ac.uk

