



# Faculty of Natural Sciences

## Schools Science & Innovation Competition 2020

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

We are very pleased to announce the launch of the Schools Science & Innovation Competition 2020.

Now in its 6th consecutive year, the competition is free to enter and is open to teams of pupils from secondary schools, or home-schooled groups.

The competition focuses on the *UN's Global Goals for Sustainable Development*. Teams are asked to select one or more goals, identify a problem associated with these, and to come up with a new and innovative scientific solution in response - 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 AND HOME EDUCATION GROUPS:

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 teacher from their school, or a home-educator.

The mentor must pre-register the team by **Monday 02 December 2019**, by completing the online Team Registration Form which can be found via the competition webpage at:

<https://www.imperial.ac.uk/natural-sciences/about-us/outreach/schools-science-competition/schools-competition-2020/>

Teams will be asked to focus on one or more of the following UN Global Goals, to identify a specific problem associated with their choice, and to come up with a new and innovative scientific solution in response to this:

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|---|---|
| 1. <b>No Poverty</b>                              | 10. <b>Reduced Inequalities</b>                   |
| 2. <b>Zero Hunger</b>                             | 11. <b>Sustainable Cities and Communities</b>     |
| 3. <b>Good Health and Wellbeing</b>               | 12. <b>Responsible Consumption and Production</b> |
| 4. <b>Quality Education</b>                       | 13. <b>Climate Action</b>                         |
| 5. <b>Gender Equality</b>                         | 14. <b>Life Below Water</b>                       |
| 6. <b>Clean Water and Sanitation</b>              | 15. <b>Life on Land</b>                           |
| 7. <b>Affordable and Clean Energy</b>             | 16. <b>Peace, Justice and Strong Institutions</b> |
| 8. <b>Decent Work and Economic Growth</b>         | 17. <b>Partnerships for the Goals</b>             |
| 9. <b>Industry, Innovation and Infrastructure</b> |   |

More information on the goals can be found here: <https://www.globalgoals.org/>

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 24 January 2020**.

The best teams will be selected by a shortlisting panel and the successful entrants will be notified by **Monday 03 February 2020**. Further details of the format of the final event will be provided at this stage.

The successful teams will be invited to present their film and pitch their idea at Imperial College London at a final showcase event on **18 March 2020** 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: [fonschoolscompetition@imperial.ac.uk](mailto:fonschoolscompetition@imperial.ac.uk)



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