



Republic of the Philippines
Department of Education


OFFICE OF THE UNDERSECRETARY FOR CURRICULUM AND INSTRUCTION

MEMORANDUM

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FOR : **MINISTER, MBHTE-BARMM
REGIONAL DIRECTORS**

FROM : 
JOSE ERNESTO B. GAVIOLA
Undersecretary

SUBJECT : **2022-23 Nuclear Science and Technology Education Competition
for Secondary Students and Teachers**

DATE : August 25, 2022

The International Atomic Energy Agency (IAEA), through the Philippine Nuclear Research Institute (PNRI), announces the 2022-23 Nuclear Science and Technology Education Competition for Students and Teachers.

The competition aims to promote creative thinking for (a) secondary-level students on how they see the role of nuclear science and technology in contributing to the UN Sustainable Development Goals towards tackling the global plastic pollution problem in line with the IAEA's NUTEC Plastics initiative, and (b) secondary level teachers on how they creatively introduce nuclear science and technology (NST) to non-science students. The competition is designed within the framework of the project RAS0091 *Supporting Nuclear Science and Technology Education at the Secondary and Tertiary Level* and is open to the Member States.

The competition for students involves creating a video presentation where they can work alone or with a partner. The video presentation shall not be more than 3 minutes long and can be in the form of a documentary, short story, animation, and the like.

The secondary teacher's competition involves presenting either a co-curricular or an outreach activity proposal to creatively introduce nuclear science and technology to a non-science student. Similarly, teachers can work alone or in pair in creating the proposal.

The deadline for submission is on October 21, 2022. The winners of the competition will be invited to the 2023 Nuclear Science and Technology Education Study Tour.

For more details, please send email to insta.contact-point@iaea.org.

Attached please find the details of the competition.

For immediate dissemination.



ANNOUNCEMENT Student and Teacher Competition

2022/2023 Nuclear Science and Technology Education Competition for Students and Secondary Teachers

within the framework of IAEA TC Project

RAS0091 'Supporting Nuclear Science and Technology Education at the Secondary and Tertiary Level'

Submission link: <https://nsteducationcompetition.com/apply-now>

Deadline for submission:
Friday, 21 October 2022 at 11:59 p.m. (CET)

Overview

Nuclear Science and Technology (NST) plays a significant role in the achievement of many of the UN Sustainable Developmental Goals, especially in health and the environment, and contributes directly to 9 of the 17 UN SDGs.

This competition is open to students and secondary teachers from Member States/Territories in the Asia and the Pacific Region.

The competition aims to promote creative thinking for:

1.) Secondary-level students on how they see the role of NST in contributing to the UN SDGs towards tackling the global plastic pollution problem in line with the IAEA's NUTEC Plastics initiative.



2.) Post-secondary students on how forging new partnerships and tapping into diverse funding sources can ensure maximum reach, impact and sustainability of IAEA initiatives. Post-secondary-level students will submit a business proposal to potential partners and/or donors to propose partnership in one of the IAEA's strategic initiatives.

3.) Secondary-level teachers on how they creatively introduce nuclear science and technology (NST) to non-science students.

Competition Details

Category 1: Secondary students' competition

Details of Participation:

1. In a video presentation, secondary students will share their testimonials on how they view the role of NST in contributing to the UN SDGs towards tackling the global plastic pollution problem in line with the IAEA's NUTEC Plastics initiative.
2. Secondary high school students can work alone or with a partner (maximum 2 people) between 17 – 19 years old from the Asia and the Pacific region. The participant should be 17 years old as of 1 April 2022.
3. The video submission should be no more than 3 minutes long and can be in the form of a documentary, short story, animation, and the like.
4. Submissions can be in the students' local language with English subtitles. However, the live Q&A will be in English.
5. Entries will be judged based on the following
 - Content (20%) – comprehensive, technically correct, and easy to understand
 - Impact (20%) – the video should have a powerful effect on the target audience
 - Relevance (30%) – The video must be relevant to the UN SDGs *and* the thematic area: plastic pollution and the environment
 - Creativity and Originality (30%) – The video must be original and visually stimulating



Category 2: post-secondary students' competition

Details of Participation

1. Post-secondary students will present a 5-page written proposal to a potential partner and/or donor of their choice to attract participation in **one** of the strategic IAEA initiatives:

- Zoonotic Disease Integrated Action ([ZODIAC](#))
- [Rays of Hope: Cancer Care for All](#)
- NUclear TEChnology for Controlling Plastic Pollution ([NUTEC Plastics](#))

For more on resource mobilization, click [here](#).

2. The proposal can cover any of the following:
 - Financial partnership
 - Outreach
 - Synergy efforts
 - Other
3. Post-secondary students from the Asia and the Pacific region who are currently undergoing post-secondary studies (minimum 2 people) can participate. It is required that the group comprise different fields of study. For example, a science student can partner with a non-science student (i.e. business student). Finally, submissions must be in English.
4. Entries will be judged based on the following:
 - Content (20%) - comprehensive, technically correct, easy to understand and thorough
 - Originality (20%) - The proposal must be original, well thought out and creative
 - Coherence & justification (30%): the proposal is well-defined and the problem or need as well as the proposed solution are clearly stated
 - Clarity/completeness (30%): the proposal is clearly formulated, states how NST can solve the problem related to **one** of the IAEA initiatives and covers at least one of the following: financial partnership, outreach or synergy efforts



Category 3: Secondary teachers' competition

- Secondary teachers from the Asia and the Pacific region can work alone or with a partner (maximum 2 people) to present a proposal (either a co-curricular or an outreach activity) to creatively introduce nuclear science and technology (NST) to non-science students that will capture their interest.
 - Submissions can be in the Teachers' local language with English subtitles. However, the Q&A will be in English.
- Entries will be judged based on the following criteria:
 - Content (20%) – comprehensive, technically correct, and easy to understand, clear and focused purpose
 - Impact (20%) – the submission should have a powerful message to the students
 - Relevance (30%) – The submission must be relevant to the objective of the competition (to engage students in NST subjects) and the chosen topic
 - Creativity and Originality (30%) – The submission demonstrates significant creativity in the above criteria.

Timeline and Selection Process

- **21 October:** Deadline to submit submissions (*at 11:59 p.m. [CET]*)
- **5 December:** The IAEA notifies finalists
- **24 January – 10 February 2023:** Finalist submissions are showcased at the 2023 Virtual NST Education Exhibition. A live Q&A with finalists will take place during which the winners will be selected.
- **Fall 2023:** Winners are invited to the 2023 NST Education Study Tour

For any enquiries, please contact insta.contact-point@iaea.org



Terms and Conditions

- Only one submission is permitted per applicant. Once an entry has been submitted, the applicant will not have an opportunity to revise it
- Videos must be submitted by an applicant acting in their own personal capacity and not on behalf of an organization, company, or government
- All submissions must be the original work by the applicant in their own words, except for quotations from published and unpublished source, which are clearly indicated and acknowledged as such. Citations must follow internationally recognized styles and applicants can at any time be requested to provide clarification of the source. Any content that can be identified as plagiarism will immediately be disqualified. Please do not include recordings of television shows.