

**Application Form for 30th Science Education Award, 2023
of the Thailand Toray Science Foundation**

1. I (Mr./ Mrs./ Ms.) _____ Last name _____

Age ____ years Degree _____ Major _____

Currently responsible for the core course in the level of

Junior High School (Teaching Science in Junior High School for not less than 50%
of the entire year)

Senior High School

School _____ under (Government/ Private/ Other _____)

Amphur/District _____ Province _____ Postal Code _____

Telephone _____ Facsimile _____

Current address (for contact) _____

Telephone _____ Mobile _____

Facsimile _____ e-mail _____

Hereby apply for the Science Education Award of the Thailand Toray Science Foundation, having
the following details:

1.1 Project Title (Thai) _____

(English) _____

1.2 Level Junior High School Senior High School

1.3 Field Chemistry Physics

Biology Other (specify _____)

1.4 Category Research Invention

Instructional Material for Science Teaching

Measurement Scientific Exploration

2. I hereby submit the information of the following topics in total ____ pages.

2.1 Applicant profile (as attached)

2.2 Details of the achievement consisting of:

(1) Motivation and principle

(2) Objective(s)

(3) Experimental procedure

(4) Results and benefit from the achievement

(5) Roles of teacher and student in each process of the project (Please see item 6. in the
Guideline)

(6) Reference(s)

(7) Publication and/or application for award from other organization (if any)

Achievement should be presented briefly **on A4 paper in not more than 10 pages** (including
all pictures).

3. This project involves animal and/or human subjects and was conducted according under proper ethical guidelines.
 does not involve animal nor human subjects.
4. This project is
 NOT currently submitted for any national/international award(s).
 currently submitted for national/international award(s) as follows.
 (1) _____
 (2) _____

I hereby certify that the submitted achievement does not include any plagiarism, has never received an award at national or international level, and is not taken from any dissertation or thesis, whether of myself or someone else. If any part of the submitted achievement is taken from any person or organization, I have already provided a proper reference.

Sign _____ Applicant
 (_____)
 Date _____

Note: The Thailand Toray Science Foundation (TTSF) may collect your personal information contained in this application form for use in determining the award and store the information until the process is completed. TTSF may also disclose your personal data to the committees of the TTSF and related academic authorities to ensure a fair and complete review of the award selection and presentation. However, you can contact TTSF concerning the processing of your personal data.

5. Certification of the School Executive Officer
 I (Mr./Mrs./Ms.) _____ Last name _____
 Position _____ School _____
 hereby certify that (Mr./ Mrs./ Ms.) _____ Last name _____
 is a teacher of this school and has worked in the scientific field for not less than 1 year (counting until the application date on August 1, 2023) and is responsible for teaching at the level of Junior High School Senior High School

Sign _____ Certifier
 (_____)
 Principal/Director of School
 Date _____

6. How do you know about this Science Education Awards?
 Invitation letter from TTSF Internet from website _____
 Facebook fan page Other(specify) _____

Profile of Applicant for the 30th Science Education Award, 2023
The Thailand Toray Science Foundation

Name (in Thai) นาย/นาง/นางสาว _____

(in English) Mr. / Mrs. / Miss _____

Age _____ **years** **Domicile (Province)** _____

Education

Graduation Year	Degree	Major	Faculty/Institute/Country
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_____	Bachelor	_____	_____
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_____	Master	_____	_____
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_____	Doctoral	_____	_____
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_____	Other	_____	_____
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Career

Period	Position/Duty	Level	School/Institute
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_____ - _____	_____	_____	_____
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_____ - _____	_____	_____	_____
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_____ - _____	_____	_____	_____
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_____ - present	_____	_____	_____
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Title of Dissertation/Thesis

Bachelor _____

Master _____

Doctoral _____

Other (specify) _____

Award

Year	Name of Award/Organization issuing the award	Title/Type of Achievement

Academic Achievement

Year	Academic Title

Special Experience (During the past 3 years)

(Example; Lecturer, specify the title of seminar/meeting and the organization in charge)

Remarks Detail must not exceed 2 pages of A4 paper

Guidelines for Achievement Submission
The 30th Science Education Awards, 2023
The Thailand Toray Science Foundation

1. Achievement in accordance with the objectives of the award, e. g. , research, invention, instructional material for teaching science, scientific measurement, and scientific exploration, which show innovative ideas to improve science education.
2. Research, experimentation, or exploration should be conducted using data collection methods and procedures in accordance with statistical principles.
3. Invention or instructional material should show innovation which can be adopted or applied in science education and should pass the usability and efficiency test.
4. Research to develop innovative teaching methodology for scientific laboratory class under the COVID-19 situation.
5. If the achievement is developed from other research or invention, references are required, and the present work must be an advantage or improvement from the previous work.
6. For any collaboration between teacher and student, please specify the role of the teacher and the student in the following aspects:
 - Selection of the research topic
 - Study of relevant information
 - Design of experiment
 - Conducting the experiment
 - Data Analysis and conclusion
7. If the achievement was nominated for science project award in the student's name at national or international level, the submitted application must clearly indicate improvement or development from that project or analyze or synthesize a new knowledge from the awarded student's project.
8. Ethical approval or proper research ethics is required for any research involving human or animal subjects (for information, please consult links for research on humans ([click](#)) or animals ([click](#))).
9. If your achievement can be used to apply for a patent or petty patent, please do this before this application, since your work will be not be eligible for patent/petty patent registration once it has been disclosed.
10. If any information is taken from a website, the source must be referenced. Any copyright must have received permission prior to use, otherwise the application will not be eligible for the award and the applicant will be responsible for any copyright infringement.
11. For an invention, diagrams and pictures of the invention must be included which clearly indicate how it functions.
