

**Application Form for 28th Science Education Award, 2021
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 5. 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).

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_____

3. 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, 2021) and is responsible for teaching at the level of () Junior High School () Senior High School

Sign _____Certifier

(_____)

Principal/Director of School

Date_____

4. How do you know about this Science Education Awards?

() Invitation letter from TTSTF () Internet from website_____

() Facebook fan page () Other (specify)_____

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Profile of Applicant for the 28th Science Education Award, 2021
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
_____	Bachelor	_____	_____
_____	Master	_____	_____
_____	Doctoral	_____	_____
_____	Other	_____	_____

Career

Period	Position/Duty	Level	School/Institute
_____ - _____	_____	_____	_____
_____ - _____	_____	_____	_____
_____ - _____	_____	_____	_____
_____ - present	_____	_____	_____

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 28th Science Education Awards, 2021
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 is needed for any research that involves human participants or vertebrate animals.
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 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.
