

**MTSF**  
**MALAYSIA TORAY SCIENCE FOUNDATION**  
199301015077 (269817-K)

**SCIENCE EDUCATION AWARD**

**INFORMATION ON APPLICATION FOR  
SCIENCE EDUCATION AWARD**

**1. Objective**

In view of the essential role science education plays in the intellectual development of an individual, this Award aims at encouraging innovative and creative science education in the secondary schools. We look forward to receiving not only essays and proposals but also cases already in practice, for example :

- a) Guidance for better science education, e.g. ways which will help to kindle and deepen students' interest in science.
- b) More effective methods for conducting experiments, ways to utilize equipment and means to urge spontaneity in learning.
- c) Designs for teaching materials/apparatus for experiments, observation and seminar (simple devices, easy-to-obtain materials, audio-visual education devices, etc) and actual examples of how they are used.
- d) Other related activities.

**2. Science Education Award**

3 Categories

(A) Winner Prize : Certificate of Award and prize money of RM6,000 to RM10,000 per award (up to five awards).

(B) Runner-Up Prize : Certificate and prize money of RM4,000 (up to five awards).

(C) Consolation Prize : Certificate and prize money of RM2,000 (up to five awards).

The outline of award winning entries will be published and distributed to secondary schools and other educational institutions nationwide to promote their use.

**3. Eligibility**

All Applicants and Co-Applicants must be Malaysian citizens and qualified teachers or educators who are involved in science education at the secondary school level (Form 1 up to Form 6) e.g. teachers of secondary schools or technical schools and teaching staff of educational research institutes, teachers' training colleges, pre-university colleges ("A" Levels/Matriculation) and registered educational centres.

**4. Moratorium**

To encourage other candidates, a one-year moratorium will be placed on winners under Category (A) : Winner Prize. Winners under the Category (A) are only allowed to submit new application after a lapse of one year.

**5. Application Procedure**

- a) Download and complete the Application Form before obtaining the necessary authority's endorsement. Scan the entire form/enclosures (in pdf file) and submit the same online via **MTSF Website at [www.mtsf.org](http://www.mtsf.org)**. (Please refer to the "Online Submission Guide" below).

- b) If the achievement is the work of more than one person, please nominate the “Main Applicant” from among them.
- c) Deadline : Forms must reach the Foundation on or before 31<sup>st</sup> May every year. Late entry and incomplete forms will not be processed.

**6. Method of Selection**

There are 3 stages in the selection process :

- 1<sup>st</sup> Stage : The applicants will be selected on the basis of information on the application forms.
- 2<sup>nd</sup> Stage : Those shortlisted in the first stage will be asked to attend an interview to explain their ideas using the teaching materials, apparatus, etc by September of each year. The Committee will then recommend the winners to the Board.
- 3<sup>rd</sup> Stage : Approval of the winners by the Board of the Foundation. Applicants will be informed of the results by October of every year.

Note : (1) Unsuccessful entries are eligible for re-application in the following years, if the content has been improved.

(2) The decision of the Committee is final. No correspondence regarding the decision will be entertained.

**7. Examination Committee**

The winners shall be selected by the Examination Committee and approved by the Board of the Foundation.

**8. Presentation of Science Education Award**

The presentation ceremony shall be held in November/December of each year.

**9. Publication of Award Winning Entries**

a) After selecting the award winners, the outline of award winning entries will be announced in the press. In so doing, the contents will be made known to the general public. Therefore, in order to protect and retain intellectual property rights to the entries, applicants are advised to seek the prior advice and service of a qualified patent lawyer. The Foundation shall not be held liable for any infringement of intellectual property rights including copyright, patent or trademark and/or any losses or damages whatsoever arising from the announcement or publication in the press.

b) Where required, complimentary copies of relevant CD/VCD/DVD shall be made available to the Foundation for wider circulation.

**10. Award Prize**

This Award is not taxable in the hands of the recipient.

*Mailing Address/Inquiries to:*  
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Block B, Prai Free Industrial Zone 1, 13600 Prai, Penang.  
Tel : (+604) 385 4151 Fax: (+604) 385 4194  
Email : mtsf.tml.mb@mail.toray  
Website : www.mtsf.org

## **Mandatory Online Submission via MTSF Website**

### **ONLINE SUBMISSION GUIDE**

Please read and understand the “Online Submission Guide” carefully, before submitting their application forms online to MTSF.

To be processed, assessed and judged online, only scanned applications submitted via the MTSF Website are acceptable. Application forms posted/couriered to the Secretariat in hard copies will not be considered/processed.

- 1) Please download and complete the application form (in Word Format).
- 2) Obtain the necessary signature and chop/approval from the relevant institutions/authorities.
- 3) Scan the entire completed form and enclosure (in pdf file) and submit online via the MTSF Website.
- 4) For easy identification, please named/saved the duly completed application form and enclosure in the following standard format/sample:

#### **SEA-lowjuanho-Penang-2021**

Science Education Award-Name of Applicant-State-Year of Application

- 5) Please adhere to the requirements when submitting online. All mandatory fields have to be filled/completed.
- 6) Please check the contents thoroughly before submitting online, as any alteration or re-submission thereafter will be rejected in total.
- 7) Upon successful submission, the applicant will be acknowledged with a reply email from the Secretariat with a given reference number, for future references.
- 8) Winners under Category (A) are only allowed to submit new application after a lapse of one year.
- 9) The application for MTSF Awards and Grants shall stay open from January and closes on the 31<sup>st</sup> May annually. After the midnight of 31<sup>st</sup> May, the online feature shall log off automatically. Please submit your application early, to avoid any disappointment.

## **GUIDELINES FOR PREPARATION OF APPLICATION FORM**

1. To fill in the Application Form  
Type or print clearly in English language.
2. Application Form (Pages 1 to 5)  
Enter accurately name of school or institution, final educational qualification and job experience, sign the form, certify true information and insert particulars of co-applicant(s) if any.
3. Background and Purpose (Page 6)
  - (a) Briefly explain purpose (itemize).
  - (b) State clearly the special features of your idea, design or practice and define how it is different from past cases or past entries.
4. Details of Content (Page 7)
  - (a) Write as briefly and concisely as possible, preferably itemized.
  - (b) Do not take time to explain well-known principles; concentrate on conveying your own ideas and designs.
  - (c) If content is about teaching guidance, give concrete examples that explain its purpose and effectiveness.
  - (d) Be sure that the idea is completely conveyed in this part of the form only. Include all necessary diagrams and photographs here.
  - (e) Indicate list of references if appropriate.
  - (f) If there is not enough space, up to four (4) pages of the same size may be added for the "Details of Content" only (total pages of application must not exceed eleven pages). If "Details of Content" exceeds five pages, the application will not be examined.
5. Implementation of the Teaching/Guidance Methods (Page 8)  
Describe clearly the process and method of and the reaction to implementing the teaching/guidance methods, ideas, etc. Give examples, if possible.
6. Results and Benefits of Implementing the Teaching/Guidance Methods (Page 9)
  - (a) Give actual examples of results of teaching/guidance.
  - (b) Give examples of benefits in education, such as positive influence on students' interest, degree of understanding, scientific manner of thinking, spontaneity, etc. State the influence on the students' attitudes towards science.
7. Accompanying Materials  
If your entry includes game sets, CDs or other accompanying materials, please submit relevant photographs only. Actual specimens are not required.
8. Remarks
  - (a) It is the responsibility of the main applicant to share the award money with his/her co-applicants (if any).
  - (b) Publication may not be identical to that submitted on the application form.