

MTSF
MALAYSIA TORAY SCIENCE FOUNDATION
(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

Certificate of Award and prize money of RM6,000 to RM10,000 per award. Five awards are earmarked per year. Recipients of runner-up awards (certificate and prize money of RM4,000) and consolation awards (certificate and prize money of RM2,000) will also be selected. 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/"A" levels) e.g. teachers of secondary schools or technical schools and teaching staff of educational research institutes and registered educational centers (excluding students).

4. Application Procedure

- a) Complete the application form supplied by MTSF and send the completed form to MTSF at the mailing address stated herein. You may request for forms by postcard or facsimile or from the MTSF website.
- 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 May every year. Late entry and incomplete forms will not be processed.

5. Method of Selection

There are 3 stages in the selection process :

1st Stage : The applicants will be selected on the basis of information on the application forms.

2nd 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.

3rd 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.

6. Examination Committee

The winners shall be selected by the Examination Committee and approved by the Board of the Foundation. For the list of the Examination Committee Members, please visit our website.

7. Presentation of Science Education Award

The presentation ceremony shall be held not later than the end of January of the following year.

8. 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) Copies of CD/VCD/DVD used in award winning entries must be made available free of charge to the Foundation in order that the relevant contents may be reproduced and distributed to educational facilities for use.

9. Award Prize

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

10. Communication

Send requests for entry forms and the completed forms to :

Penang Office of the MTSF, c/o Penfabric Sdn Berhad
Block B, Prai Free Industrial Zone 1, 13600 Prai, Penang.

Tel : (04) 3854151/3908157 Fax: (04) 3908260

Email : mtsf@toray.com.my

Website : www.mtsf.org

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GUIDELINES FOR PREPARATION OF APPLICATION FORM

11. To fill in the Form

Type or print clearly in English language. Photocopy of the form is allowed.

12. Application Form (Pages 1 to 3)

Enter accurately name of school or institution, final educational qualification and job experience.

13. Background and Purpose (Page 4)

- (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.

14. Details of Content (Page 5)

- (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 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.

15. Implementation of the Teaching/Guidance Methods (Page 6)

Describe clearly the process and method of and the reaction to implementing the teaching/guidance methods, ideas, etc. Give examples, if possible.

16. Results and Benefits of Implementing the Teaching/Guidance Methods (Page 7)

- (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.

17. Accompanying Materials

If your entry includes game sets, CDs or other accompanying materials, please submit relevant photographs only. Actual specimens are not required.

18. Specimen of Past Projects

For general guidance, please refer to the specimen of past winning entries.

19. 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.