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Department of Education, CTA

The 7th CTA Level Science, Math, and Environment Exhibition - 2024

(Guidelines for the Preparation of Exhibits and Models)

I. Objectives

- To identify and nurture inventive and creative talent among students so as to bring out the scientific and mathematical abilities of the children.
- To encourage children to explore every resource to enable them to express and handle objects.
- To provide freedom to express their creativity and imagination so that procurement of ready-made exhibits or models could be ruled out.

II. Exhibition Themes

The theme for the 7th CTA Level Science, Mathematics and Environment Exhibition and 51st RBVP — 2024 {the National Science Exhibition as Rashtriya Bal Vaigyanik Pradarshani (RBVP)}, of the children would be “**Science and Technology for Society**”, and covers the following sub-themes:

- **Health**
- **LiFE (Lifestyle for Environment);**
- **Agriculture;**
- **Communication and Transport;**
- **Computational Thinking;**

(Sub-themes listed above are suggestive. Students may choose any other sub-themes and develop exhibits involving **Science and Technology for Society**)

Note: For details on each sub-themes, kindly go through the NCERT Guidelines for the preparation of exhibits/models and for organizing the exhibition.

III. Eligibility

- 1.Children from classes IX to XII from all Tibetan schools are eligible to participate in the CTA Level Exhibitions.
- 2.However, **an outstanding exhibit developed by middle school students** may also be considered if the school science and math teachers feel so.

IV. Selection and Evaluation of Entries

1. The school science and math teachers (or science & math department) may form a committee and select students who could prepare exhibits for each sub-theme mentioned above or may choose any other sub-theme involving Science and Technology for Society.
2. Each school will send at least one entry for each sub-theme. The school can send a maximum of 10 entries with maximum of **4 students** in each exhibit.
3. However, an outstanding exhibit developed by students on any other sub-theme involving Science and Technology for Society may also be sent for consideration.
4. The projects/models nominated for the CTA-level exhibition will be evaluated by the panel of judges formed by the DoE, based on the guidelines given by NCERT. As per the said guidelines, the weightage of various parameters for the evaluation is as follows:

| | | |
|-------|--|------|
| A. | Involvement of children’s own creativity and imagination | 20 % |
| B. | Originality and scientific and mathematical innovations in the exhibit/model | 15 % |
| C. | Scientific thought/ principle/ approach | 15 % |
| D. | Technical skill, workmanship, and craftsmanship | 15 % |
| E. | Utility for Society, scalability | 15 % |
| F. | Economic (low cost), portability, durability, etc...) | 10 % |
| G | Presentation—aspects like demonstration, explanation, and display | 10 % |
| TOTAL | | 100% |

V. Online Orientation Program

1. Kindly provide us a confirmation email before **15th April 2024** on whether your school will be participating in the event or not.
2. The guiding teacher(s) of selected exhibits for entries at the national level will be invited to a virtual meeting in the month of August 2024 to discuss the improvement required on selected exhibits from the CTA Level.

VI. Offline Showcase

1. The selected exhibits from the preliminary stage of the school level will be invited to showcase their exhibits to the host school (TCV Bylakuppe) in the last week of July 2024. The exact date of the showcase will be communicated separately later.
2. The most deserving and the best-selected exhibits from the CTA level showcase will be sent to NCERT after going through (Online orientation) for consideration for participation in the 51th RBVP — 2024.

VII. Expenditure Norms

1. The DoE, CTA will provide a maximum budget of Rs. 25,000 to each school. A budget requiring more than Rs. 25,000 should be applied for approval in writing to DoE, CTA.
2. The budget should be used for the preparation of exhibits, such as photocopying, exhibition materials, stationeries, etc.
3. All the bills/invoices should be obtained in the name of TCEWF. In case, you need to write the school name you can write it in parentheses.

E.g. TCEWF (STS Mundgod) or TCEWF (TCV Chauntra), etc.

VIII. Submission Deadline

1. Refer to the detailed guidelines issued by NCERT for the preparation of exhibits.
2. The concerned guide teachers and students of all the participating schools should send their exhibits to DoE, CTA by **31st May 2024** by email to academic@tibet.net with the following details:
 - (a) Filled in Proforma I: Information about the Exhibit/Model (Attached Separately)
 - (b) Write-up of the Exhibit/Model in the given format.
 - (c) 5 - 8 minutes video presentation by the student about the exhibit.

Kindly click the link for the Best exhibits from 6th CTA Level Science Exhibition, chosen to represent at the national-level Science Exhibition (RBVP) 2023 for your review.

<https://drive.google.com/drive/folders/1oTAXNwx-jsvInPz0djeEP994m79TLkBT?usp=sharing>

Note:

Please create a folder dedicated to your school exhibition, containing a list of exhibits along with participant details in excel format as per example attached. Within this folder, please organize a subfolder for each exhibit, including a proforma, a write-up, and a video. Once done, share the folder via Google Drive. Please refrain from deleting the Google Drive folder until the CTA Level selection process is finalized and kindly give authorization to DoE academic to download and share the folder. There is no need to send hard copy. Thank you!

Date: 04 April 2024



For any queries or questions, please contact:

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