



CBSE/ACAD/DS (ACAD)/2018

22 October, 2018  
Circular No.: Acad.-38/2018

All Heads of Independent Schools affiliated to CBSE

**SUBJECT: CBSE SCIENCE EXHIBITION – 2018-19**

Science is an inseparable part of society because it helps to understand the world around us in a more logical way and improves standards of living. It is imperative to prepare our children for informed debate and decision-making about the fair and sustainable application of new scientific and technological developments taking place every day around them. The Central Board of Secondary Education (CBSE) has been taking many initiatives to stimulate the attitude for innovation and inventiveness and at the same time, encouraged to be creative and responsible in use of science and technology. The organization of Science Exhibition at Regional and National levels every year is one such initiative. The activity aims at providing a common platform to schools, teachers and students to learn and construct knowledge by connecting new ideas to their existing ideas and learn from each other's experiences.

The Science exhibition for the academic session 2018-19 is likely to be organized in different parts of the country at **REGIONAL LEVEL** in the month of November/ December in 2018. The **NATIONAL LEVEL** will be conducted after the completion of the Regional Level and dates for the same will be notified later.

**Theme and sub – themes for the Science Exhibition for 2018-19**

THEME	SUB-THEMES
SCIENTIFIC SOLUTIONS FOR CHALLENGES IN LIFE	1. Agriculture and Organic Farming 2. Health and Cleanliness 3. Resource Management 4. Waste Management 5. Transport and Communication 6. Mathematical Modeling

**NOTE:**

- The students may prepare an exhibit/model on any sub-theme other than the above listed six sub-themes but it should be in the context of the main theme of the exhibition as mentioned above. Some ideas that are new and may be applicable in future may also be presented in the form of presentations and discussions.
- Any exhibit/model/idea developed by differently abled students should be displayed only by the differently abled student/s. The entries should be accompanied with a disability certificate issued from a competent authority. Disability norms followed by the Government of India will be considered under this category.





**GUIDELINES FOR PARTICIPATION**

1. All schools willing to participate need to apply on-line before the closing date.
2. The last date for filling the on-line registration form is **12<sup>th</sup> November, 2018** and for **payment confirmation from bank is 15<sup>th</sup> November, 2018**
3. The registration fee as per the details given below must be submitted through online payment gateway.

For Indian Schools	Rs 1000/- per registering team
For Foreign Schools	Rs 2000/- per registering team

4. The students studying in classes VI to XI in the current academic year i.e. 2018-19 are eligible to participate.
5. A participating school can put up a **maximum of two exhibits/projects/models**.
6. A school team will be represented by a maximum of two students per exhibit and one escort Science Teacher.
7. It should be ensured that the names of the students once registered online should **not** be changed at any stage of the exhibition.
8. The complete application including the typed brief write-up (not more than 1000 words) for each exhibit and printed copy of the online registration form along with the fee receipt duly signed and forwarded by the Principal is to be sent to the following address super scribed 'SCIENCE EXHIBITION 2018-19' by **24<sup>th</sup> November, 2018**.

Ms Anjali Chhabra  
Deputy Secretary  
Central Board of Secondary Education  
"Shiksha Sadan", 17, Rouse Avenue  
New Delhi – 110002.

9. The school team participating at Regional Level and National Level must remain the same.
10. The sub – theme once selected cannot be changed.
11. The exhibit/model may include –
  - Working model to explain a concept, principle or a process
  - An indigenous design of a machine/device
  - An innovative/inexpensive design or technique
  - Application of basic principles of Science/Technology
  - Scheme/design of a device or machine to reduce production cost
  - Investigation based study
  - New and innovative ideas to the form of presentations
12. Care should be taken that eco- friendly materials are used in the preparation of exhibits.





13. The exhibits will be assessed by the experts as per the following criteria:
- |   |   |     |
|---|---|-----|
| a | Students' 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, craftsmanship etc.  | 15% |
| e | Utility for society, scalability/educational value                                      | 15% |
| f | Economic (low cost), portability, durability, scope of its applicability in future etc. | 10% |
| g | Presentation – aspects like demonstration, explanation and display                      | 10% |
14. A few exemplar ideas pertaining to the sub – themes listed in the context of the theme for the development of exhibits are enclosed as **Annexure – I**.
15. A brief write-up (not more than 1000 words) as mentioned under point no. 5 given above should be submitted as per the given proforma enclosed at **Annexure – II**.
16. The participating school/team will have to bear all expenses related to participation in the event.
17. The participating teams will have to make their own lodging/boarding arrangements at the venue city of exhibition.

#### Key points related to the conduct of exhibition

1. The first stage of exhibition will be held at different venues in every Region. The information regarding the venues will be circulated / notified later on.
2. The selected best twenty four exhibits (the numbers may increase or decrease depending on the quality of the exhibit) at each regional level venue will be eligible to participate in the National level exhibition.
3. The actual dates for the regional level will be communicated to every school and details will also be available on CBSE website [www.cbseacademic.in](http://www.cbseacademic.in).
4. Schools are advised to follow CBSE's guidelines available on CBSE website.
5. Certificates will be awarded to the participants of the best entries selected at the National Level.
6. The names of the winners of the National Level Science Exhibition will be forwarded to NCERT for their consideration for participation in 46<sup>th</sup> Jawaharlal Nehru National Science Mathematics and Environmental Exhibition for Children in 2019 to be organised by NCERT. The confirmation for the participation in the exhibition is subjected to their selection for the same.

For any other information in this regard, you may contact at Tel. No.-011-23231247 or email at [cbse.science.exb18@gmail.com](mailto:cbse.science.exb18@gmail.com).

(Dr. Joseph Emmanuel)  
Director (Academics)

