

SCIENCE EXHIBITION 2014

FREQUENTLY ASKED QUESTIONS

1. Who can participate in Science Exhibition?

Students of any CBSE affiliated schools can participate in the science exhibition. Any student from middle, secondary or senior secondary classes can take part in this exhibition.

2. What is the vision of CBSE behind organising these exhibitions?

The vision is to develop scientific temper and 21st century skills that student need to develop.

3. What are the objectives of organising Science Exhibition?

The main objectives of organising Science exhibitions are:

- promoting interest in Science and Technology among younger generation.
- encouraging scientific and technological creativity among students and inculcating a sense of pride in their talent.
- providing exploratory experiences, encouraging creative thinking and promoting psychomotor skills among school students through self designed models or simple apparatus.
- encouraging problem solving approach and developing appropriate technologies, especially for rural areas and integrating and applying scientific ideas in daily life situations.
- popularising Science and technology among masses and creating an awareness regarding its impact on socio-economic and sustainable development of the country.

4. What is the main theme and sub-theme of this year's science exhibition?

The main theme is **Scientific and Mathematical Innovations** and the sub-themes are:

- **Agriculture**
- **Energy**
- **Health**
- **Environment**
- **Resources**

5. Where and how can a school register for science exhibition?

Schools must send completely filled in registration forms along with requisite fee (in form of DD only) to the CBSE's academic unit at New Delhi.

6. Can we participate in case we miss the registration process?

Registration for participation is mandatory. Schools must send their registration if they wish to participate in the science exhibition.

7. What if our school is not able to participate even after registration? Will the registration fee be refunded to us?

Registration fee is not refundable under any circumstances. Hence no such claim will be entertained by the Board.

8. Can a school request for change of region or venue?

No, it will not be allowed and no request regarding change of venue or region by the participating school will be entertained by the Board.

9. What kind of model / exhibit / project a school may submit?

The exhibit/model may be either

- (a) A working model
- (b) An investigation-based project

However greater emphasis may be given to investigation-based innovative projects to kindle scientific method and scientific approach in the students. (Refer to guidelines on the CBSE's website for further details)

10. What care should be taken while preparing an exhibit / project?

The exhibit/project 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

(Refer to guidelines on the CBSE's website for further details)

11. How many exhibits/projects/models a school can put up?

The participating school can put up a maximum of two exhibits/projects/models.

12. How many students can be a part of school team?

A school team may be represented by a maximum of two students per exhibit and one escort Science Teacher.

13. How will I come to know about the organisation of regional level science exhibition?

All the participating schools registered for science exhibition will get an invite from CBSE. This will have detailed information about the venue or host school, dates of exhibition etc. A detailed circular will also be uploaded on CBSE's website. You are requested to check the Academic website (<http://www.cbseacademic.in>) regularly for updates.

14. Is it mandatory to submit a write up about exhibit / project?

Yes, it is mandatory to submit a brief neatly typed write-up about the exhibit / project (approximately 250 words) for regional as well as national level at the time of registration.

15. How would the host school come to know about the details of the participants reporting at its venue?

Host school will receive the **complete list of participating schools** reporting to its venue so that they may plan accordingly.

16. What if the school fails to send the confirmation?

In the absence of confirmation it will be assumed that school is not keen to participate and the registration will be summarily rejected. However, if the school is unable to confirm by the due date the school must call the regional office and venue school confirming participation.

17. How should I send my confirmation to host (venue) school?

Use confirmation and requirement form to convey your confirmation. The desired format may be downloaded from the CBSE's website.

18. Who will bear the expenses incurred in the construction of the exhibit / model / project?

The participating school/team will have to bear **all expenses**.

19. Who will make our travel and stay arrangements at the venue city?

The participating schools have to make their own arrangements. Host schools may be requested to provide guidance as and when required.

20. Where can I get information about hotels of venue city?

You may search internet and use search engines such as google.com to find details of the hotels in the venue city.

21. Who will bear my Travel and board / lodging expenses?

Travel and board / lodging expenses will be borne by the participating team/school only.

22. Will CBSE reimburse my travel and board /lodging expenses?

CBSE will not reimburse any such expenses.

23. Who will provide the meals to the students during exhibition day?

Schools have to look after their students. No meals will be provided by host school or CBSE and neither will the expenses will be reimbursed. Schools have to make their own arrangements.

24. What will be the timings of the exhibition?

The timings of the exhibition will be from **9.00 a.m. to 5.00 p.m.** on all the three days.

25. Can we leave early or report late on the days of exhibition?

No team will be allowed to report late or leave before 5 p.m. on the days of the exhibition. The travel plans may be made accordingly. In case of absence, certificate of participation will be forfeited.

26. Is it mandatory for all the participants to be present on all the three days of the exhibition?

Yes, it is mandatory for all the participants to be present on all the days. Attendance of all the participants from a school and of the escort teacher is must on all the three days. No child or teacher will be allowed to leave the venue during the exhibition hours.

27. When should the participating schools report for the exhibition?

Participating schools must report a day before the exhibition.

28. Who should the participating school report on the day of exhibition?

Every team must report to the Principal of the venue school.

29. Whom should I contact for exhibit / display related requirements?

School principal or coordinator of the science exhibition appointed by school principal may be contacted for exhibit / display related requirements.

30. When should we display our model / exhibit?

The model should be arranged and set in all respects well in time i.e. one day in advance.

31. Do I need to carry anything for the display of my exhibit / model?

Yes, the teams are advised to bring all necessary materials like bed-sheet, markers, cello-tape, all-pins, drawing pins, glue stick, extension cord etc. required for proper display of the exhibit.

32. What guidelines should we follow while displaying our exhibit?

The school name and title of the exhibit should be displayed clearly. It should be ensured that exhibit is working and functional in case it is a working model and is properly displayed. It should also be ensured that the model is displayed only at the space provided to the school in the correct room under correct theme and sub-theme.

(Refer to guidelines on the CBSE's website for further details)

33. What guidelines should we follow for preparing the models?

You must make sure that your exhibit should not require more than 6'X3' (approx.) of space for display. The project/exhibit must be supported with Charts/Reports and other support materials. As far as possible it should be a working model based on some original and innovative concept.

(Refer to guidelines on the CBSE's website for further details)

34. Who all will participate at the National Level?

Based on the results submitted by panel of judges, only shortlisted / qualified exhibits will be displayed at national level.

35. How I will come to know about the organisation of National Level science exhibition?

In case the model/exhibit qualifies the regional level the qualified school will be intimated for the venue and dates of national level via invitation letter. A circular will also be placed on CBSE's website in this regard.

36. Is it necessary to have the same team at Regional as well as National level?

School team participating at regional level and National level must remain the same. Schools must ensure that the same group of students/team must represent the school at national level in case the school qualifies for the national level. No request for change of team will be entertained by the Board.

37. Can we change the Sub-theme of the exhibit/project displayed and selected at regional level?

No, the sub-theme cannot be changed. However the schools may further rework on the exhibit / project shortlisted at regional level for its display at national level.

38. Who will judge the exhibit / project at regional as well as at national level?

A panel of Judges / team of subject experts will judge / evaluate the exhibits / projects at regional as well as national level.

39. How should the exhibits be arranged for proper judgement?

The exhibits may be arranged under different sub-themes and judges may be intimated accordingly. Venue (host) school will make sure that exhibits are arranged as per sub-theme.

40. What will be the criteria of judgement?

Judgement will be based on the following criteria:

a. Students' own creativity and imagination	20%
b. Originality and innovativeness in design of the exhibit/project	15%
c. Scientific thought/principle	15%
d. Technical skill/workmanship/craftsmanship	15%
e. Utility/educational value	15%
f. Economic aspect, portability, durability	10%
g. Presentation -Explanation and demonstration	10%

41. Will there be any visitors for this exhibition?

Teachers and students of neighbouring schools (host school will send an invite to them), participants from other schools, CBSE officers /officials will be visiting the exhibition.

42. How many exhibits will be selected at National level?

25 exhibits will be selected at national level across sub-themes.

43. What prizes will the students get if they qualify for the national level?

Winners of the national level science exhibition will get a merit certificate besides cash prize. Winners may get a chance to participate in **JNNSEEC 2013 (Jawaharlal Nehru National Science and Environmental Exhibition for Children 2013) organised by NCERT** and may also get a direct entry to participate in the prestigious **National fair (2014) organised by Initiative for Research & Innovation in Science (IRIS) subject to their selection for both the exhibition.**

44. What is IRIS?

IRIS is the “**Initiative for Research and Innovation in Science**” (IRIS) is a research based science initiative for students. Department of Science and Technology (DST), Confederation of Indian Industry (CII) and Intel have all come together to create this platform to empower the next generation of innovators.

Since its inception in 2006, the “Initiative for Research and Innovation in Science” (IRIS) promotes and nurtures science and scientific research amongst young Indian innovators. With a sole purpose to recognize and reward outstanding projects, IRIS provides a platform for these geniuses to represent India at global science competitions like the Intel International Science and Engineering Fair (Intel ISEF).

45. What arrangements host (venue) schools must make to host the exhibition?

Venue schools must take all safety and security measures in order to ensure safe and smooth conduct of the exhibition e.g. they must contact traffic police, local police, fire brigade and must make arrangement for a stand by ambulance. They must also ensure that there is no disturbance due to rain or any other weather conditions; hence the exhibition may be arranged in a big hall or big rooms.

Facilities like electricity connections, multiplug switch boards, extension Board, water arrangements (if needed) may be provided for working of the exhibits.

School must also make arrangement for photography and videography.