



ક્રમાંક : જીસીઈઆરટી/વિજ્ઞાન/18723-185  
 ગુજરાત શૈક્ષણિક સંશોધન અને તાલીમ પરિષદ,  
 'વિદ્યાભવન', સેક્ટર-૧૨, ગાંધીનગર.  
 ફોન : (૦૭૯) ૨૩૨૫૬૮૧૩-૩૯  
 નિયામક : (૦૭૯) ૨૩૨૫૬૮૦૮  
 સચિવ : (૦૭૯) ૨૩૨૫૬૮૧૩  
 ફેક્સ : (૦૭૯) ૨૩૨૫૬૮૧૨  
 ઈ-મેઈલ : director-gcert@gujarat.gov.in  
 Web : www.gcert.gujarat.gov.in  
 તારીખ : 13-6-2022

પ્રતિ,  
 પ્રાચાર્યશ્રી,  
 જિલ્લા શિક્ષણ અને તાલીમ ભવન,  
 સંબંધિત તમામ..

વિષય: વિજ્ઞાન-ગણિત અને પર્યાવરણ પ્રદર્શન-૨૦૨૧-૨૨ સંદર્ભ રાષ્ટ્રિય  
 કક્ષાએ નોમીનેશન બાબત  
 સંદર્ભ: નિયામકશ્રીની નોંધ પર મળેલ મંજૂરી અન્વયે

શ્રીમાન,

સવિનય ઉપરોક્ત વિષય અને સંદર્ભ અન્વયે જણાવવાનું કે રાજ્યકક્ષા - વિજ્ઞાન-ગણિત અને પર્યાવરણ પ્રદર્શન-૨૦૨૧-૨૨ની મુલ્યાંકન કામગીરી પૂર્ણ થયેલ છે. આ પૈકી વિભાગવાર પસંદ થયેલ ૩ શ્રેષ્ઠ મોડેલ નોમીનેશન સંદર્ભે રાષ્ટ્રિય કક્ષાએ મોકલવાના રહે છે. જે અંગેની વિભાગવાર યાદી આ સાથે સામેલ છે. વિભાગવાર પસંદ થયેલ ૩ શ્રેષ્ઠ મોડેલ સંલગ્ન વિદ્યાર્થી/શાળાને આપની કક્ષાએ જાણ કરી આ મોડેલની વિદ્યાર્થી દ્વારા રજુઆત કરતો ૧૦ મિનિટનો હિન્દી/અંગ્રેજીમાં વીડીઓ જેમાં પર્ફોમા - ૧ માં જણાવેલ મુદ્દા નંબર- ૧૫ માં સમાવિષ્ટ તમામ બાબતોનો સમાવેશ કરવાનો રહેશે અને માર્ગદર્શિકામાં જણાવેલ એપ્રાઇઝલ ફોર્મ- પર્ફોમા - ૧માં તમામ વિગતો અંગ્રેજીમાં ભરી તા. ૨૨/૦૬/૨૦૨૨ સુધીમાં શાળા દ્વારા (સ્પીડ પોસ્ટ/ કુરીયર દ્વારા) નીચેના સરનામે મોકલવા આપની કક્ષાએથી જાણ કરવા જણાવવામાં આવે છે.

- ડો. વિજય એસ.પટેલ, વિજ્ઞાન -ગણિત એકમ, જીસીઈઆરટી, ઉમિયામાતાના મંદિર પાસે સેક્ટર-૧૨, ગાંધીનગર. ૩૮૨૦૧૬. મો. - ૯૮૯૮૧૪૫૪૯૦

આ વિગતો ફક્ત નોમીનેશન માટે જ છે. અંતિમ પસંદગી નથી જે ખાસ જણાવવું. અંતિમ પસંદગી NCERT, New Delhi દ્વારા કરવામાં આવશે અને જે તે શાળાને NCERT, New Delhi દ્વારા જાણ કરવામાં આવશે.

2009  
 11-1

07/11/22

( વી.આર. ગોસાઈ )

સચિવ,

જીસીઈઆરટી, ગાંધીનગર.



**Proformas**

**49<sup>th</sup> JAWAHARLAL NEHRU NATIONAL SCIENCE, MATHEMATICS AND ENVIRONMENT EXHIBITION  
(JNNSMEE – 2022) FOR CHILDREN**

**THEME : TECHNOLOGY AND TOYS**

**Proforma I**

**INFORMATION ABOUT THE EXHIBIT/MODEL**

1. Title of the Exhibit/model .....  
(in BLOCK letters)
2. Sub-theme:
  1. Eco Friendly Material ☐
  2. Health and Cleanliness ☐
  3. Software and Apps ☐
  4. Transport ☐
  5. Environmental and Climate Changes ☐
  6. Mathematical Modeling ☐
3. Name(s) of Contributing Student(s) .....(M/F); Class.....  
(in BLOCK letters) .....(M/F); Class.....  
.....(M/F); Class.....  
.....(M/F); Class.....  
Mobile No. ....  
Email .....
4. Name(s) of Guiding Teacher(s) ..... (M/F)  
(in BLOCK letters) .....(M/F)  
Mobile No. ....  
Email .....
5. Name of school with complete postal address (in BLOCK letters) :  
.....  
.....  
.....State/UT..... Pin .....

Phone: .....; Email .....

Mobile No. ....

6. Type of school\* Government/Local Body/ Private Aided/Private  
Unaided/ Any other (Please Specify) .....
7. Affiliation of the School State Board/ICSE/CBSE, Any other (Please Specify) .....
8. Location of the School Tribal/Rural/Backward/Semi Urban/Urban .....
9. Nature of the Exhibit/Model (A) Innovative/Improvised Apparatus  
(B) Working/Static Model/Study Report  
Any Other (Please Specify) .....

10. Whether Dark Room Space is needed for the display of Exhibit: Yes/No

11. Approximate space required for the display of Exhibit.....

12. Source of inspiration/help for preparing the exhibit/model:  
(Please explain briefly about the nature and form of help received from the following):

(i) From Teachers/School  
.....  
.....

(ii) From Parents  
.....

(iii) From Peer Group  
.....  
.....

(iv) Any other  
.....  
.....

13. Brief Summary (Please explain the purpose (or aim) and the scientific principle

**Government:** A Government School is that which is run by the State Government or Central Government or Public Sector Undertaking or an Autonomous Organisation completely financed by the Government;

**Local Body:** A Local Body School is that which is run by Panchayati Raj and Local Body Institutions such as Zila Parishad, Municipal Corporation, Municipal Committee or Cantonment Board;

**Private Aided:** A Private Aided School is that which is run by an individual or a private organisation and receives grants from the Government or Local Body;

**Private Unaided:** Private Unaided School is that which is managed by an individual or a private organisation and does not receive any grant from the Government or Local Body.

involved in the exhibit/model in not more than three lines).



14. Write-up of the Exhibit/Model (not more than 1,000 words) in the following format.  
[Note: Proper submission of the write-up will ensure that if selected for participation in the 49 Jawaharlal Nehru National Science, Mathematics and Environment Exhibition (JNNSMEE-2022) for Children-2022, it will be considered for publication in the booklet entitled: Structure and Working of Exhibits. For convenience, examples of write-ups of exhibits are also given in this booklet.]

I. Introduction

- (i) Purpose (or Rationale) behind the development or construction of the exhibit; and
- (ii) The scientific principle involved.

II. Description

- (i) Materials used for the construction;
- (ii) Construction and working of the exhibit/model; and
- (iii) Applications, if any.

III. References

Books, journals or magazines referred for preparation of the exhibit/model.

IV. Illustrations

- (i) Black and white line and labelled diagram of the model, illustrating the working of the exhibit/model.
- (ii) Close-up photographs of the exhibit/model.

- ✓ 15. **Five minutes video presentation in CD by the student about the exhibit containing (i) title of the exhibit (ii) sub-theme of the exhibit (iii) working of the exhibit (iv) scientific principle involved in it (v) application etc. should also be sent along with the write-up.**

- Note:**
- (i) Please do not pin or paste the photographs of the exhibits. Enclose them in a separate envelope. Description of the photograph may be written on its back.
  - (ii) Please do not enclose the photographs of participating student(s) and their guide teacher(s)
  - (iii) Please do not send the scanned/soft copies of write-ups instead of video presentation.

CERTIFICATE OF ORIGINALITY

We,.....  
hereby declare that the submitted exhibit/model is our original creative work / modified form of available work and to the best of our knowledge, this exhibit/model has never been developed by any other person in this form.  
(Strike off, whichever is not applicable.)

(Signatures of all students and teachers)

GCERT, Gandhinagar  
Nomination list of Gujarat State for 49th Science, Mathematics and Environment Exhibition-2021-22

**Section – 1      Eco Friendly Materials**

Sr. No.	District	School Section	Exhibit Name	Name of school	Teacher Name	Student Name(1) & (2)
1	Panchmahal	primary	New design of Magnatic power station run by solar	Timbagam primary school,Godhara, Panchmahal	R S Bharwad	Nirav R Rabari Krishna S Suthar
2	Surat	Secondary	Masroom based Eco friendly materials	L N B dadiya highschool, Adajan, surat	Urvashi H Patel	Jehan H Bhatt Hetavi M Rana
3	Rajkot	primary	Easy Eco friendly Tools	Gundala jam primary school,Rajkot,	Aditiben Desani	Yesh Khokhariya Divya Itolia

**Section – 2      Health and Cleanliness**

Sr. No.	District	School Section	Exhibit Name	Name of school	Teacher Name	Student Name(1) & (2)
1	Bhavnagar (corporation)	Primary	Lobby cleaning Machine	Shala No.55	Gohel Bharatbhai B.	1.Rudra Sandipbhai Parmar 2.Yogesh Ashvinbhai Gohil
2	Valsad	Secondary	Swachchata- not by hand-by leg	Sarvajanik High school,Dungari	Dharmeshkumar M.Patel	1.Parth S.Pandey 2.khush N. Patel
3	Amreli	Primary	Patient management by auto migration	Khajuri Primary school,Ta.Kunkavav	Khimani Hiteshbhai	1.Bhakti R.Guna 2.Renisha R.Thummar



### Section - 3 Software and Apps

Sr. No.	District	School Section	Exhibit Name	Name of school	Teacher Name	Student Name(1) & (2)
1	Amreli	Primary	Robotics Coding & Educational Software	Vidhyasabha School, Amreli	Solanki Kishanbhai	1. Chapaneri Nitya N. 2. ----
2	Morbi	Secondary	Gesture Control Robot	Shree Tithva high school, Ta. Vankaner	Gopani Bharat Dhirajlal	1. Chaudhri Mubira S. 2. Mathakiya Taskibanu
3	Navsari	Primary	Smart Home with Android	Chhapara Primary School, Navsari	Jagruti M. Dhimmer	1. Avani G. Tandel 2. Feni Y. Chauhan

### Section - 4 Transport

Sr. No.	District	School Section	Exhibit Name	Name of school	Teacher Name	Student Name(1) & (2)
1	Amreli	Primary	Sanjivani Helicopter	Damnagar pra shala-1 Ta. Lathi. Dist. Amreli	R.D. Helaiya	1. Raval Om C. 2. Vaja Hevang N
2	Vadodara	Secondary	Solar Cycle	Zenith Highschool (Gujarati-M), Pratapnagar, Vadodara	Santoshkumar Kaushik	1. Shah Nil P. 2. Raval Dhruv N.
3	Jamnagar	Secondary	Hydrogen fuel engine	Sarkari Madhymik Shala, Kadbal, Ta. Jamjodhpur	Dr. Sanjay K. Parmar	1. Dangar Swati S. 2. Chandravadiya Nikita J.

### Section - 5 & 6 Environmental and Climate Changes and Mathematical Modelling

Sr. No.	District	School Section	Exhibit Name	Name of school	Teacher Name	Student Name(1) & (2)
1	Surat	Secondary	Water Absorbing Road With Water Harvesting	Ashadip Higher Secondary School	Ramani Vipulbhai	Dhamelia Pishun Dankhara Sujal
2	Chhotaudepur	Primary	Sammiti na ganitik namuna	Paniyapura Pra Shala Ta. Sankheda Dist : Chhotaudepur	Chauhan Dharmendrasinh J.	Bariya Yash J. Bariya Falgun S.
3	Amreli	Primary	Mathematical Approach with Digital Agrotech	Khajuri Primary School, Ta. Kunkavav	Kavathiya Yogeshbhai M.	Soliya Hasti M. Kavathiya Purvisha
4	Navsari	Secondary	ATF Technology	B L Patel Sarvajanic highschool, Rankuva, Navsari	Mayuri J Patel	Dhruv R Patel Nikhil S Patel

મ.નં.મા-૧/૨૦૨૨/૪૭૫૪

જિલ્લા શિક્ષણાધિકારીશ્રીની કચેરી,  
જિલ્લા સેવા સદન - ૨,  
જિ-સુરત.


તા:- ૧૬/૦૬/૨૦૨૨.

પ્રતિ,

શાસ્ત્રીશ્રી,

તમામ માધ્યમિક અને વિચિત્ર માધ્યમિક શાળાઓ,

જિ-સુરત.

  
District Education Officer  
Surat. Dist. Surat. G.