



OFFICE OF THE MISSION DIRECTOR

AXOM SARBA SIKSHA ABHIYAN MISSION

KAHILIPARA, GUWAHATI-781 019, ASSAM

No.SSA/TT/Sc & Maths activities/RAA/699/2016/8344

Date: 03.01.2017

From : A. Rajoria, IAS

Mission Director

Sarba Siksha Abhiyan, Mission

Kahilipara, Ghy-19

To : The District Mission Coordinator,

SSA, All districts.

Sub: "Gyan Vigyan Mela" under Rashtriya Avishkar Abhiyan.

Sir/Madam,

With a view to promote learning beyond the classroom and to enable children to become motivated and engaged in Science, Mathematics and Technology (SMT) through observation, experimentation, inference drawing, model building, rational reasoning, testability etc. "Gyan- Vigyan Mela" is proposed to be organised at School level with the help of Teachers, SMCs, Mothers Group, PRIs, and Voluntary Organisations under the **Rashtriya Avishkar Abhiyan (RAA)** in the light of the following guideline:

- The objective of the convention /Exhibition at the school level will be to offer a powerful platform for building self confidence, developing communication skills, team spirit and making sense of the world around us – a world that is increasingly shaped by science and technology amongst the learners.
- The theme of the exhibition will be " **Innovation in the field of Science, Mathematics & Technology for Sustainable Development**".
- Children of age group 10-14 years of Government/ Provincialised schools UP/MV will be encouraged to prepare models/Projects.
- The children will participate in a group comprising of 3 members in order to join in exhibition and competition of models and projects.
- The students will prepare model and projects under the guidance of the Science and maths Teacher as per the guideline enclosed herewith.
- At the school level, every UP level school will conduct school level competition and select best team one from Science and one from Maths for the cluster level competition.
- No fund will be provided specifically for this school level activity from SSA's end.
- The exhibition will be organized in all UP level schools within 31st January 2017.
- The Gyan Bigyan mela will be organised in a specified venue at the cluster, block and district level, the date of which, detail guideline and financial norms will be communicated late on.
- The activities should be properly documented with video graph and still photograph by the concerned CRCC/Teacher in charge of the programme and the detail compiled report of the district should be submitted to the undersigned after the completion of the activity.

You are requested to take necessary action to conduct the activity at the school level as per the guideline.

Enclosure: Guideline

Yours faithfully,

(A. Rajoria, IAS)

Mission Director

Sarba Siksha Abhiyan, Mission

Date: 03.01.2017

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Copy to:

1. The Commissioner and Secretary, Elementary Education to the Govt. of Assam for kind information.
2. The Principal Secretary, (BTC, DHAC & KAAC) for kind information.
3. The Deputy Commissioner, All districts for information.
4. The Director, Elementary Education, Assam for information and necessary action.
5. The Director, SCERT, Assam for information and necessary action.
6. The Senior Consultant (Pedagogy), EdCIL, India for kind information.
7. The Sr. A.O, SSA, Assam for information and necessary action.
8. The CAO, SSA, Assam for information and necessary action.

Mission Director, SSA, Assam

Guideline for preparing the project/Models:

- A project is a way to exhibit the creative activity through a methodical presentation. It consists of two types; survey method and experimental method

Steps of presentation:

- Observation of events; Data collection/noting; Drawing inference; Experimentation; Data collection; Data analysis; Findings and conclusion; Suggestions for follow up action.

Topics for Projects/Models:

Subject	Topics
Science	Energy and its conservation; Bio fertilizers in Agriculture; Global Warming and its control; Innovation for disaster management
Mathematics	Importance of measurement in day to day life; Geometric shapes and Patterns; Use of Statistics in daily life; Maths Magic and number games

How to write a project:

- The above details of the project should be written in (A4) paper size or neatly on full scap paper.
- Project should be written in English/specific medium of the school.
- Project report must be hand written in legible handwriting by the children. Typed or printed report will not be accepted.
- At the beginning of the project details like name of the school, cluster, block and district, team members and Guide teacher's name is to be written.
- An abstract of the project must be written mainly covering objective, methodology and result.
- The project should include the following component:
 - Subject of the project: Topic of the project
 - Background note with 100-150 words
 - Objective of the project (3-4 lines)
 - Summary of the project within 400 words
 - Plan for the project (detail note): how the work was done, materials used, time taken, persons involved in doing the project etc.
- A maximum of 4 (four) posters or charts displaying the details of the project work, including methodology, findings etc may be used. Names and other details are to be given in the Posters/Charts
 - Poster 1: Name of project/model; School name; Team members name & Guide teacher name
 - Poster 2: Diagrammatic/graphical presentation
 - Poster 3: Methodology; inference
 - Poster 4: Conclusion, Suggestion etc
- The posters are to be exhibited properly and presentation may be given with the help of a pointer.
- Benefits of the finding of the projects should also be written. **What was expected result and how these may be utilised in the day to day life**

The following criteria will be used for evaluating the models/Projects:

EVALUATION CRITERIA:

Criteria	Max marks	Written report/Model	Oral presentation	Total
Originality of idea and concept	10			
Relevance of the project	5			
Understanding of the issue	5			
Data collection and analysis	10			
Experimentation / validation	10			
Interpretation and problem solving attempt	5			
Team work	5			
Total	50			

Mission Director, SSA, Assam