



# MAJLIS EXPO '09

SCIENCE, SOCIAL SCIENCE AND  
HANDICRAFTS EXHIBITION

MANUAL

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# MAJLIS EXPO, 2009

## (INTER SCHOOL EXHIBITION)

### MANUAL

**PRELUDE:** To secure a cutting edge in the new global scenario, our children need a lot of encouragement to study Science, Maths and other subjects. Exhibitions certainly raise the awareness of learners in all these areas through sharing of information and experience and through acquiring skills and hands-on experiences leading to innovations and craftsmanship. Art and craft are no exception to this truism. They manifest the creative workmanship of children. The blend of creative workmanship plus scientific understanding will be a great educative experience for the learners.

Education is instrumental in transforming people. The transference of factual knowledge alone cannot transform people; transference of values is equally important. This science exhibition also aims to underscore the fact that values permeate science as well, and giving children the experience of science laden with values like compassion, honesty, justness, kindness etc. is the need of our times.

An exhibition, to be successful, needs to be organized in accordance with certain explicit norms and patterns. The criteria for judging the works of children, needless to say, have to be faultless and comprehensive. It is for these reasons that this manual has been proposed.

#### **Who can participate?**

Only *bona fide* students of schools affiliated to the **Majlisu Ta'aleemil Islami, Kerala**, are eligible for participation. This year, the exhibition will be held on **14<sup>th</sup> November 2009 at ISS Higher Secondary School, Ponnani.**

#### **I Themes for the Exhibition:**

1. Science & technology.
2. Society and tradition
3. Craft works.

#### **II. Sub Themes:**

##### **A. Science & Technology:**

1. Landmark achievements in science & technology.
2. Energy conservation /Alternative energy
3. Developments in information and communication.
4. Health, food & agriculture.
5. Environment Management.

##### **B. Society and tradition**

1. Replication of cultural monuments, miniatures etc. (idols and figurines are not allowed).
2. Maps, land forms, charts and models
3. Projects; static or working.

##### **C. Craft:**

1. Craft work, embroidery, vegetable carving etc.
2. Woodcarving, plasticine, papier mache, metal embossing & glass painting.
3. Making of aesthetic objects or socially useful items using locally available raw materials.

### **III Nature of Exhibits:**

1. Static (still) models.
2. Working models.
3. Self-explanatory charts.
4. Innovative/Investigatory projects.
5. Artifacts (Handicraft).

### **IV Categories:**

There are two categories for the exhibition: **Junior** and **Senior**. Students up to and including class VII are juniors and students of classes VIII to X are seniors.

### **V. Presentation of Exhibits:**

A school may put up a maximum of 17 exhibits only in one category, in the following manner:

1. 1 still model based on science themes.
2. 1 Working model for any of the science themes.
3. 4 Self-explanatory charts on any of the science themes.
4. 1 Innovative/Investigatory/Research-based Project for any of the science themes.
5. 4 Artifacts (Handworks).
6. 4 Items on the theme Society and tradition out of which one must be a project.

### **VI. Particulars of Entrants/space:**

A maximum number of 15 participants can be sent from each school in each category (junior and senior) in the following manner:

- ◆ An exhibit can be prepared by a student or a group of students consisting of not more than 6 students. The list of students to be included in the write-up.
- ◆ The participants must wear plain clothes; not school uniform.
- ◆ A maximum of 5 teachers can accompany the students at a ratio of 1 teacher for 5 students.
- ◆ Each school shall intimate the venue convener the space required for the total number of exhibits.

### **VII. Award Distribution:**

Awards, certificates and trophies will be distributed in a valedictory function held on the same day, in the evening.

1. One trophy will be awarded to the team that scores maximum points under each theme for each category.
2. A runner up trophy will be awarded to the team winning second position under each theme for each category.
3. Certificates will be awarded to the participants associated with 1 and 2 above.
4. The names of those who have toiled to create the exhibit should be mentioned in the Entry Form/Write up.
5. An Overall trophy will be awarded to the school that scores the maximum number of points based on the merit of the total exhibits.

### **VIII Entry Form:**

1. The Entry form, duly filled up should reach the Majlis Office on or before **30<sup>th</sup> October 2009**.
2. The entry form should be complete in all respect. Incomplete forms shall not be entertained.
3. The entry forms have to be filled in separately for juniors and seniors.
4. Once submitted, no change whatever will be permissible in the entry form.

### **IX a) Rules to prepare the working/ static models:**

Static/Working models will be judged on the following points:

1. The models should embody some innovative idea, principle or concept.
2. Exhibits should be endowed with elements of creativity and originality.
3. Preference will be given to the exhibits that employ hand developed or locally available raw materials or components.
4. Fine workmanship will be considered meritorious.
5. Credit will be given to neat presentation and clear explanation.

### **IX b) Rules to prepare Self-explanatory Charts:**

1. They should measure a maximum of 1.2m x 0.9m.
2. They should be based on any one of the themes/sub themes.
3. They should be self-explanatory through the use of appropriate signs or labels.
4. They will be evaluated on the purpose or principle, idea, appearance and effectiveness in illustrating the idea and arrangement.

### **IX c) Rules to prepare projects:**

There should be a project description which contains the following points:

1. Identification and statement of the project (Objectives, principles etc.)
2. Design of the project
3. Procedure/processes adopted
4. Advantages of the project
5. Evaluation of result

### **X How to prepare the write-up.**

There should be a write-up about each exhibit which outlines:

- ◆ Heading
- ◆ A description of the item/ exhibit
- ◆ Materials used
- ◆ Procedure/processes adopted
- ◆ Use/ benefits of the project
- ◆ List of students who shared the work

The write-up shall be either English or Malayalam.

### **XI. Supportive charts:**

1. Charts may be used to support still models/working models/investigatory & innovative projects.
2. They may be instrumental in explaining the construction/structure/working of the exhibit/ the importance/effects and other details concerning the exhibit.
3. Their measurement should be limited to the area assigned for the particular exhibit.

## **XII. Safety rules:**

1. In no case the exhibits, if touched or spilt should cause injury/damage or any other kind of harm either to the participant or to the viewers.
2. The participant must make sure that the experiments can be carried out safely. All sensible precautions should be taken and any written warnings on the substances, which are being used, must be adhered to.
3. Projects will be scrutinized on the day of the Fair for compliance with the rules and may be disqualified or even rejected due to violation of the rules.

### **XII (a) Hazardous materials:**

The following **MUST NOT** be brought into the exhibit area:

1. Explosives, inflammable, corrosive or highly poisonous substances.
2. LPG Cylinders or compressed gases.
3. All other substances must be shielded in such a way that maximum protection is provided for spectators, neighbouring exhibits and the participants.
4. If it is intended to bring any chemical to the exhibition, it must be indicated at the time of the registration of the project and a list of the same should be provided.

### **XII (b) Animals:**

1. Projects with live animals are not permitted.
2. The method and results of a project involving use of live animals may be displayed using drawings, charts, photos or graphs.
3. Lower orders of life (bacteria, fungi, protozoa, insects, plants and invertebrate animals) can be used in experimentation to reveal valuable biological information relevant to the higher orders.

### **XII (c) Glassware:**

All chemical glassware should be secured in a stable manner.

### **XII (d) Fire Hazards:**

1. Open flames, torches or burners are not to be used without adequate safeguards.
2. Any electrical installation/circuit can be dangerous and should be constructed with obvious attention to safety. As far as possible only low voltage electricity should be used.
3. All non-current carrying metal parts of an electrical apparatus must be earthed.
4. If it is intended to use any electrical circuit (wall outlet or battery powered), it must be indicated at the time of the registration of the project.

## **XIII. Space Provided:**

1. A table space of 0.6m wide, 1.2m long and 0.8m high will be given for each display. It must be ensured that the display fit within this area and that it is properly secured.
2. Extra space can not be arranged on the day of the exhibition.
3. Extra space requirements, if any, must be specified in the entry form.

## **XIV. Registration:**

1. Schools that take part in the Expo should register their team on **13th November 2009 (Previous day) between 4.00 and 6.00 pm.**
2. Food Coupons and accommodation slips etc. will be distributed for the participants and the accompanying staff at the time of registration.

3. All projects are to be set-up on **13<sup>th</sup> November 2009** between **6.00p.m.** and **8.30p.m.** Projects/Exhibits brought at any other time will not be accepted.
4. The participants should not disturb other displays before being judged and they should leave the building, stall/ room as soon the exhibits are set-up.

#### **XV Judgment:**

1. Judging will take place on the day of the exhibition commencing at 07.00 am.
2. A **\*Write-up** explaining the objective, principle, raw materials used for making the exhibit and life application as the case may be, has to be presented to the panel of judges at the time of judgment.
3. The participant's name, photo, or the name of the school must not appear anywhere on or in the exhibit. Code Numbers will be assigned to identify each exhibit.
4. All of the work performed on each project entered in the exhibition must substantially be the entrant's own work. This includes the research for the project, the work carried out during the experiment, and the creation of the display. Those projects deemed by the judges to be questionable in this area will be subject to closer scrutiny by having the entrant called in to explain his or her exhibit/project.

#### **XVI. The Jury:**

1. A panel of judges will evaluate the exhibits for their merits and assign scores.
2. Trophies for individual team will be awarded based on the maximum score for the particular category of the exhibit.
3. The panel of judges shall be constituted of persons skilled in judging exhibits in science and handicraft.

#### **XVII. General Instructions:**

1. Majlis/the host school cannot be held responsible for any loss or damage of the exhibits. Exhibits are entered at the participant's own risk.
2. Care should be taken while fixing the displays, so that no damage is caused either to the building or the furniture provided.
3. Participants are responsible for their behavior and safe conduct at the venue. All interactions with other participants and the public should be courteous.
4. A participant must be at his/her display at all times during the exhibition hours.
5. All participants must wear the identification badge provided by the organizer, at all times during the exhibition day. This allows judges and the exhibition committee members to identify the participants.
6. No item(s) can be removed from the Exhibition Room until the closing of the exhibition at 4.00p.m on 14<sup>th</sup> November 2009.
7. All participants and escorting teachers should attend the opening and closing functions.



### Sample judgment /score sheet

Exhibit Number:

Topic/Theme:

Class:

No	Point/credit	Max. Score Marks
1	Clarity: Judging will be based on how well an average person can understand an exhibit. Neat, brief guide marks, labels, and descriptions will be helpful.	2 ½
2	Scientific thought and understanding: The exhibit demonstrates clear Scientific thought; the application of scientific methods; the accuracy in observation, measurement, data collection and reporting; and an understanding of the underlying or related principles embraced within the project. (Interview is useful)	5
3	Creativity& originality: The following aspects to be judged: uniqueness of approach; resourcefulness in obtaining, handling and interpreting data; ingenious and inventive use of equipment and materials; the use of creative displays or illustrative objects; the degree of insight offered by the conclusions.	5
4	Raw materials: use of manufactured component is not desirable.	2 ½
5	Workmanship: Good workmanship and how much an exhibit needs repairs, under normal working conditions, will be considered. In collections, skill in handling, preparing, mounting, or other treatments will be important.	5
6	Over-all presentation: The exhibit should be well designed and developed to be attractive, visually interesting, informative on all aspects of the investigation; well illustrated with photographs, drawings, models, specimens or samples; with wide public appeal and with effective communication.	5
<b>Total</b>		<b>25</b>





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#### WRITE-UP

Exhibit Number: Theme/Class/ no.

Title of the model:

Theme:

Sub theme:

Brief description ( in not more than 200 words, also to include the scientific principle, procedure followed, application in different domains of life, unique features, further scope of the exhibit:)



Name of participants:

- 1
- 2
- 3
- 4
- 5
- 6

Class/Category



Signature of Principal

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ENTRY FORM- JUNIOR / SENIOR (Tick the appropriate)

Team No:

Name and address of the school: .....

Serial no.	Themes for exhibition	Name & details of exhibits*					Other details				
		(Each exhibit should have a name, and a write-up as given in the manual)					No of students	Space required	Electrical /other needs	No of teachers	Others
		Sub theme	Static Models	Working Models	Explanatory Charts	Investigatory Projects	Craft work				
1	Science and Technology										
2	Society and Tradition										
3	Craft works										
Total No.											

\*All exhibits shall conform to specifications like number, size and make-up. The write-up shall be either in Malayalam/ English.

Name and signature of the Principal:

School seal