

GUIDELINES FOR THE 2016 MATH AND SCIENCE FAIR

Math and Science Quiz

1. There shall be three (3) rounds for all categories: Easy, Average and Difficult. A clincher round will be applied in case of tie. There shall be five (5) easy questions, five (5) average questions, and five (5) difficult questions. All contestants shall answer all questions in the three (3) rounds. Each correct answer in every round will be given corresponding points to wit:

Easy	- 1 point
Average	- 2 points
Difficult	- 3 points
2. Each contestant shall be provided with permanent markers and Show Me Board.
3. Each question must be answered within the time allocated for it. Fifteen (15) seconds for non-computational and thirty (30) seconds for computational.
4. The quiz master shall read each question twice and the time shall start only after the quizmaster says, "go".
5. The contestants may begin to answer only after the quizmaster says, "go".
6. The contestants must write his/her final answer on the answer sheet. If a contestant wishes to change his/her answer, the former answer should be crossed-out and the final answer encircled.
7. All answers must be spelled correctly to be considered correct.
8. Questions shall indicate the number of significant figures for numerical answers. Use of calculators shall not be allowed.
9. After the time limit has expired, each contestant must show his/her answer to the audience before the quizmaster read the correct answer. The proctors shall read and acknowledge whether the answer of each contestant is correct or not.
10. If the proctor cannot determine the validity of an answer, the board of judges must decide on the matter. The decision of the board of judges is FINAL.
11. Solutions may be checked by the board of judges if needed.
12. The total score of a contestant after three rounds shall be his/her score.
13. The contestants with the highest final score shall be declared as the champion, second highest is the second placer, third highest score is the third placer and so forth.
14. The duly registered coach of the contestant is the only person authorized to file a protest. All protest should be referred to the board of judges before the quizmaster reads the next questions. No protest shall be entertained by the board of judges when the quizmaster started reading the next question.

15. At the Congressional District level, all coaches must prepare 1 question each for easy, average, difficult and clincher rounds with answer to be written in a 1/8 sheet of bond paper.
16. Any DepED personnel related by affinity or consanguinity (up to the third degree) to any contestant shall be disqualified in any of the committees involved in the planning and preparation of questions for the quiz nor can they act as coach of any contestant.
17. Any violation of the aforementioned rules shall cause disqualification of the contestant concerned.

Math and Science Investigatory Projects

1. Display of Exhibit: **No No** to tarpaulin. Use the black side of the illustration board for posting the research project. Photo credits must not include the face of the researchers (to include photos of your products but not the product itself). Abstract should only be 250 words. Presenters of the project be in Business Attire in three-minute presentation.
2. The following are the forms and manuscripts to be submitted in all levels of the competition:
 - I. RESEARCH PLAN
 - II. FORMS for all the projects
 - A. Checklist for Adult Sponsor
 - B. Student Checklist (1A)
 - C. Research Plan (Note: No need to attach the Research Plan Instructions)
 - D. Approval Form (1B)
 - E. Regulated Research Institutional/Industrial Setting Form (1C)
 - III. FORMS depending on the type of research (e.g. involving humans, vertebrate animals, hazardous chemicals, etc.)
 - A. Qualified Scientist Form (2)
 - B. Risk Assessment Form (3)
 - C. Human Participants Form (4)
 - D. Human Informed Consent Form
 - E. Vertebrate Animal Form (5A)
 - F. Vertebrate Animal Form (5B)
 - G. Potentially Hazardous Biological Agents Risk Assessment Form (6A)
 - H. Human and Vertebrate Animal Tissue Form (6B)
 - I. Continuation Project Form (7)
 - a. Purpose of the experiment
 - b. Procedure
 - c. Data conclusion

The abstract may NOT include the following:

- a. Acknowledgement
- b. Work of procedures done by the mentor

V. Research Paper (Include the Title Page, Abstract, Main Body, and References)

VI. Project Evaluation Form

VII. Scanned copy of the log book

3. Write-ups of the first three winners in the CD levels are required to submit in triplicate copies to the Division Office not later than September 28, 2016.

Criteria for evaluating Math and Science Investigatory Projects

Creative Ability	- 30%
Scientific Thought/Engineering Goals	- 30%
Thoroughness	- 15%
Skill	- 15%
Clarity	- 10%
	100%

Math and Science Strategic Intervention Material (SIM)

CRITERIA:

Sub-tasking		15%
Competency-based	5	
Bloom's Taxonomy followed	6	
SMAR-C	4	
Congruence		15%
Activities in line with content & Skills	5	
Assessment in line with content & Skills	10	
Usability/Functionality		45%
Language	6	
Title Card	2	
Guide Card	4	
Activity Card	14	
Assessment Card	3	
Enrichment Card	3	

Reference Card	3	
Answer Card	2	
Packaging	8	
Replicability		25%
Validated before Classroom Use	5	
Dev. Material based on least learned LC	5	
Mat. used improved mastery level	10	
Handy and easy to copy	3	
Cost	2	
Total		100%

Booth Display Competition

Rules:

1. All participants entering the competition must have their display set up.
2. Booth staff must all wear a name tag or any other ID so they can be clearly identified.
3. The winner will be chosen according to the competition rules and guidelines.
4. The decision of the board of judges is FINAL.

Criteria:

Creativity, imagination & Originality	40%
Captures the theme; embodies the concept of Staycations	30%
Booth's staff enthusiasm, friendliness & interaction w/ attendees	20%
Overall neatness and presentation	10%
Total	100%