



## DepEd – DIVISION OF QUEZON

Sitio Fori, Brgy. Talipan, Pagbilao, Quezon  
Cell # 09175824627 or at [www.depedquezon.com.ph](http://www.depedquezon.com.ph)  
"Creating Possibilities, Inspiring Innovations"



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September 17, 2018

### DIVISION MEMORANDUM

DM No. 254, s.2018

### 2018 DIVISION SCIENCE AND TECHNOLOGY FAIR (Science Investigatory Project)

TO: Public Schools District Supervisors, Elementary School Heads and Secondary School Heads


1. The 2018 Regional Science and Technology Fair (RSTF) is a region wide science and research competition that aims to promote Science and Technology consciousness among the youth, strengthen the skills of teachers in research and pedagogy. It also aims to identify the most creative and best Science student researchers to represent the region in the national and international fairs. The RSTF is scheduled on November 5-9, 2018 at Pedro Guevarra National High School, Sta. Cruz Laguna.
2. In line with this, SDO – Quezon will hold the 2018 DIVISION SCIENCE AND TECHNOLOGY FAIR (Science Investigatory Project) on September 27, 2018 at Quezon National High School, Lucena City. Please see attached schedule of events, guidelines and mechanics.
3. Participants for the 2018 DSTF are Elementary, Junior and Senior High School – STEM students in the public schools in the Division. All 1st, 2nd and 3rd placers in the school level Science Fair are qualified to join the fair.
4. All school with entries shall submit three (3) copies of their Research Plans to DepEd Division of Quezon Curriculum Implementation Division on or before September 24, 2018.
5. The Scientific and Review Committee are requested to be at the venue on September 27, 2018 at 7:00 AM for the orientation and briefing. Please see enclosure no. 1 for the list.

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| DEPED - QUEZON<br>ICT UNIT  |         |
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| By:   | Glicen  |
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6. Travel expenses relative to this activity shall be charged to local / MOOE funds subject to the usual auditing and accounting rules.
7. Immediate dissemination of this Memorandum is desired.

for:   
**MERTHEL M. EVARDOME, CESO VI**  
Schools Division Superintendent

cid-ims/ceao/09/17/2018

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Enclosure 1 to Memo No. \_\_\_, s. 2018 Schedule of Activities and List of Scientific Review Committee

### 2018 DIVISION SCIENCE FAIR AND TECHNOLOGY (Science Investigatory Project) Quezon National High School Lucena City September 27, 2018

| Time         | ACTIVITIES  |
|--------------|---|
| 6:30 – 7:30  | Arrival and Registration of Participants                              |
| 7:30 – 8:00  | Opening Program   |
| 8:00 – 9:00  | Review of Research Write –ups by the Scientific and Review Committees |
| 9:00 – 9:15  | Break   |
| 9:15 – 12:15 | On Site Judging   |
| 12:15 – 1:15 | Lunch Break   |
| 1:15 – 3:15  | On Site Judging   |
| 3:15 – 4:15  | Break   |
| 4:15 – 5:30  | Deliberation  |
| 5:30 – 6:30  | Closing Program   |

### 2018 DIVISION SCIENCE FAIR AND TECHNOLOGY (Science Investigatory Project) Quezon National High School Lucena City September 27, 2018

#### LIST OF SCIENTIFIC REVIEW COMMITTEE ( SRC )

- |                           |                                     |
|---------------------------|-------------------------------------|
| 1. Carmela Ezcel A. Orogo | Education Program Supervisor        |
| 2. Juanito Merle, Ed. D.  | Senior Education Program Specialist |
| 3. Rachell Ann M. Alba    | Project Development Officer II      |
| 4. Jessie Quesea Ph. D.   | PSDS                                |
| 5. Carolina T. Zaracena   | PSDS                                |
| 6. Rejulios Villenes      | Education Program Supervisor        |

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Enclosure No. 2 to Division Memorandum No. \_\_\_, s. 2018

### GUIDELINES AND MECHANICS OF THE CONTEST

#### Contest and Competition

| Category   | Contests   | Grade Level |
|------------|--|-------------|
| 1. Learner | Science Investigatory Project (Team 3)               | Elementary  |
| 2. Learner | Science Investigatory Project ( Indv )<br>( Team 3 ) | Junior HS   |
| 3. Learner | Science Investigatory Project ( Indv )<br>( Team 3 ) | Senior HS   |

#### A. MECHANICS OF THE CONTESTS

##### 1. Science Investigatory Projects

1.a The conduct of the school/division level Science and Technology Fair shall be done in conformity with Dep Ed Order No. 9. s.2015. The school and division level STF should follow the mechanics and guides in implementing the contests for elementary and secondary levels.

1.b The first place winners at the division level in both clusters should have been properly scrutinized by identified members of the SRC at the division level.

1.c The Official List of first place winners at the division level, report on the conduct of S & T Fair and printed copies of the manuscripts shall be officially endorsed by the Schools Division Superintendent to the Regional Office through the Curriculum and Learning Management Division.

1.d The report on the conduct of S & T shall include the following;

- Title and Table of Contents
- Rationale
- Detailed Report : SRC Deliberation, Program of Activities, Trend Analysis, Financial Report, List of Winners
- Conclusion and Recommendation

1.e The Research Project must conform with the international rules published by the INTEL International Rules for Pre-College Science Research and engineering Fair 2015-2018. Each project is expected to have a research adviser and an institutional review board or scientific review committee.

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1.f The research project should cover a maximum of twelve continuous months from January 2018 to December 2018.

1.g. Scientific fraud and misconduct is not condoned at any level of competition or research. Plagiarism, use or presentation of other research works as one's own and fabrication of data will not be tolerated.

1.h The project display shall use sets of any paper board that summarizes the research project and shall focus on the proponents work for the current year. Use of tarpaulin for the display is discouraged. Safety regulations in the entire duration of the event must adhere to the guidelines of the ISEF. Copy of the required forms, copy of the research write up, project data book and 6 slide power point presentation showing the salient features of the project must be prepared and presented by the project proponent to the BOJ.

1.i The format and flow of activities of the regional congress and fair shall follow the national and international science fair or the NSTF and ISTF. All shall follow the criteria for judging the following activities found in the abstract of activities below;

### SCIENCE INVESTIGATORY PROJECTS

| Category/Entry                                       | Pupil /Student   |   |        |  |        |   |        |                                |        |  |        |             |        |
|--|--|---|--------|--|--------|---|--------|--------------------------------|--------|--|--------|-------------|--------|
| Contestant   | Elementary / Secondary / SHS   |   |        |  |        |   |        |                                |        |  |        |             |        |
| Requirements   | Individual and Team<br>Elem composed of 3 members  |   |        |  |        |   |        |                                |        |  |        |             |        |
| Format /Details                                      | Research Plan/Project Data Book / Research Paper / Abstract /Forms<br>INTEL ISEF RULES : <a href="http://www.societyforscience.org/isef/rulesandguidelines">www.societyforscience.org/isef/rulesandguidelines</a>  |   |        |  |        |   |        |                                |        |  |        |             |        |
| Criteria   | <table><tr><td>Evidence of Research Plan/Literature Search</td><td>: 20 %</td></tr><tr><td>• Science &amp; Engineering Goals /Logical Investigation</td><td>: 20 %</td></tr><tr><td>• Originality &amp; Skill/Use of Appropriate Techniques</td><td>: 15 %</td></tr><tr><td>• Adherence to Research Ethics</td><td>: 10 %</td></tr><tr><td>• Positive and Sustainable Outcomes /Results</td><td>: 25 %</td></tr><tr><td>• Interview</td><td>: 10 %</td></tr></table> | Evidence of Research Plan/Literature Search | : 20 % | • Science & Engineering Goals /Logical Investigation | : 20 % | • Originality & Skill/Use of Appropriate Techniques | : 15 % | • Adherence to Research Ethics | : 10 % | • Positive and Sustainable Outcomes /Results | : 25 % | • Interview | : 10 % |
| Evidence of Research Plan/Literature Search          | : 20 %   |   |        |  |        |   |        |                                |        |  |        |             |        |
| • Science & Engineering Goals /Logical Investigation | : 20 %   |   |        |  |        |   |        |                                |        |  |        |             |        |
| • Originality & Skill/Use of Appropriate Techniques  | : 15 %   |   |        |  |        |   |        |                                |        |  |        |             |        |
| • Adherence to Research Ethics                       | : 10 %   |   |        |  |        |   |        |                                |        |  |        |             |        |
| • Positive and Sustainable Outcomes /Results         | : 25 %   |   |        |  |        |   |        |                                |        |  |        |             |        |
| • Interview  | : 10 %   |   |        |  |        |   |        |                                |        |  |        |             |        |
| Exhibit and Display                                  | Project display must use sets of any paper board in support of the environmental advocacy of the government in reducing consumption of non-biodegradable materials. Display board must strictly follow the 152cm. (width) x 101 cm (height) size.  |   |        |  |        |   |        |                                |        |  |        |             |        |

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