



Republic of the Philippines
Department of Education
Region I
SCHOOLS DIVISION OF ILOCOS SUR
Bantay, Ilocos Sur



February 06, 2019

DIVISION MEMORANDUM
No. 042, s. 2019

**SCHEDULE OF ACTIVITIES FOR THE DIVISION SCIENCE
AND TECHNOLOGY FAIR (DSTF) 2019**

To: OIC-ASDS
Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors
Public and Private Elementary and Secondary School Heads
All Others Concerned

1. The Schools Division of Ilocos Sur through the Curriculum Implementation Division and Division Association of Science Coordinators spearheads the conduct of the Division Science and Technology Fair (DSTF) 2019.
2. The STF aims to:
 - a. Promote Science and Technology consciousness, and a culture of innovation among the youth particularly on Science Investigatory Project; and
 - b. Identify the most creative and innovative student researchers from junior and senior high schools, who shall represent the division in the regional, national and international Science research fairs.
3. Please be informed of the following schedule of activities of the DSTF 2019.

LEVEL	ACTIVITY	DATE
SCHOOL	Submission of Investigatory Project titles by the *Research Adviser <i>Note: *All Public Elementary and Secondary Science Teachers (Elementary: Grades 5 and 6, Junior High School: All levels, Senior High School: All levels) are required to submit at least One (1) Investigatory Project title.</i>	March 4-8, 2019
	Monitoring and preparation of Write-Up by Student-Researcher and Research Adviser	March- August, 2019
	Submission of photocopies of Gantt chart and log book of the Investigatory Project by the Student-Researcher and Research Adviser	June 17-21, 2019
	Finalization of the Write-Up by Student-Researcher and Research Adviser	August 19-23, 2019





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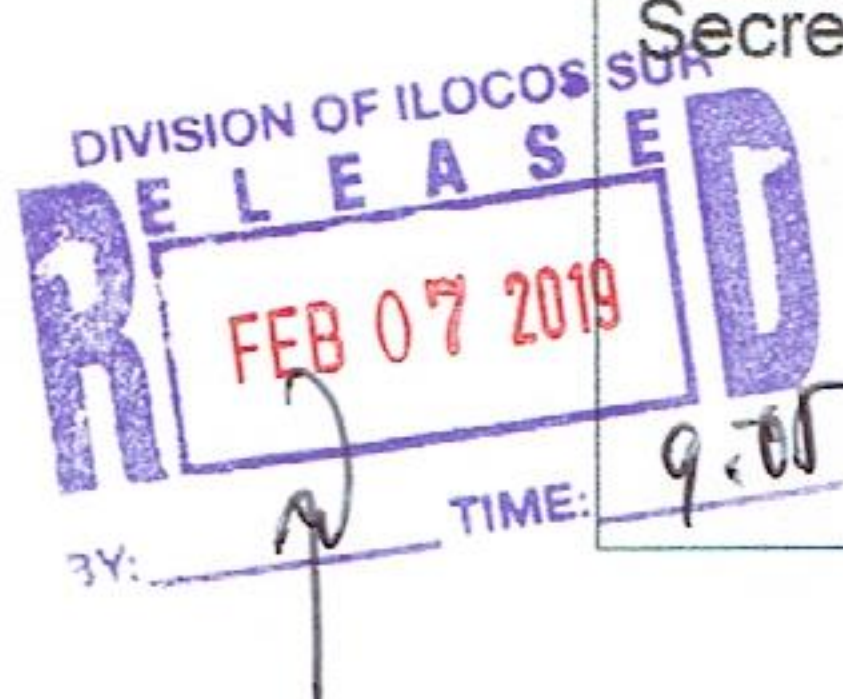


LEVEL	ACTIVITY	DATE
DIVISION	Submission of Write-Up (three (3) copies) at the SDO CID Office	August 26-28, 2019
	Checking of all the required forms for Investigatory Project by the Technical Working Group (TWG)	August 29-30, 2019
	Screening and Evaluation of submitted Investigatory Projects by the Division Scientific Review Committee (DSRC)	September 2-6, 2019
	Announcement of finalist of the qualified Investigatory Projects	September 10, 2019
	Division Science and Technology Fair 2019	September 19-20, 2019
	Announcement of Regional qualifiers/ winners	September 24, 2019
REGIONAL	Submission of Final Write-Up to the Regional Office	October 2019
	Actual Conduct of RSTF	November 2019
NATIONAL	Actual Conduct of NSTF	February 2020
INTERNATIONAL	Actual Conduct of ISTF	May 2020

4. The Division Scientific Review Council and Technical Working Group is hereby created for DSTF 2019.

Division Scientific Review Council (DSRC)- Internal Validtors		
Chairman:	Dr. Arnel C. Doctolero	ASDS
Co-Chairman:	Dr. Maria Salome R. Abero	Chief ES, CID
Members:	Dr. Philip John Gregory G. Aldos	EPS for Science
	Mr. Nestor G. Villaflor	EPS for Mathematics
	Dr. Maria Teresita R. Gapate	EPS for Filipino
	Mrs. Saniata M. Piano	SEPS for P&R

Technical Working Group (TWG)		
Chairman:	Dr. Philip John Gregory G. Aldos	EPS for Science
Members:	Mr. Floro Rafanan	President, District Science Coordinators (Elementary)
	Mrs. Myrna Jara	President, School Science Coordinators (Junior High School)
	Dr. Glenn A. Guira	President, School Science Coordinators (Senior High School)
Secretariat:	Dr. Julisa Tarape	Exec. Secretary, District Science Coordinators (Elementary)
	Mrs. Elaine Lopez	Asst. Exec. Secretary, District Science Coordinators (Elementary)





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5. Schools are encouraged to conduct school-based activities for Science and Technology Fair before the conduct of DSTF 2019 and accomplishment reports shall be submitted at the SDO- CID Office (*attention: Dr. Philip John Gregory G. Aldos*)
6. Attached is the Guidelines of the DSTF 2019.
7. For information, immediate dissemination and compliance.

Gemma Q. Tacuy
GEMMA Q. TACUYCUI, CESO V
Schools Division Superintendent

Incls: As stated

To be included in the perpetual index
under the following subject:

K TO 12 CURRICULUM: SCIENCE

DIVISION STF 2019





Guidelines of the Division Science and Technology Fair (DSTF) 2019

1. It is open to all student-researchers from both public and private schools who are enrolled from Elementary Level- Grades 5 and 6 and Secondary Level- Grade 7 to 12 whether from the Regular Class or Special Science Class. The competition shall start at the School Level advancing to the Division, Regional, National then to the International Level.
2. It is a contest of Science Investigatory Projects (SIP) with **eight(8)** categories such as:
a.) **Life Sciences** (Individual Category); b.) **Life Sciences** (Team Category -2 or 3 students only); c.) **Physical Sciences** (Individual Category); d.) **Physical Sciences** (Team Category); e.) **Robotics & Intelligent Machines -RIM** (Individual Category); f.) **Robotics & Intelligent Machines -RIM** (Team Category); g.) **Science Innovation Expo** (Gadgets) Individual Category; and h.) **Science Innovation Expo** (Gadgets) Team Category.
3. Unlimited number of Investigatory Project Write-ups can be submitted per category to the Division level and will undergo the screening and evaluation by the TWG and DSRC. Qualified Investigatory Projects will be announced in a separate memorandum who will advance to the DSTF 2019.
4. The Project Display Board which is made out of papers or board should have dimensions of 101cm by 152cm (38cm, 76cm, 38cm). Tarpaulins and plastics should not be used. The black side of the illustration board should be used for the display. The contents of the project display that should be seen are: Abstract, Background, Objectives, Significance, Methodology, Results & Discussion, Conclusion, Recommendation, Bibliography & Photo Credits (including illustrations and graphics). A researcher should not include his/her face in the project's procedure/illustration in the display. Pippings/borderlines/borloloys and display of any product shall not be allowed.
5. The Investigatory Project Write-up (**three (3) copies per project**) should have the following parts:

*TITLE PAGE

PART I. REQUIRED FORMS FOR ALL RESEARCHES

1. Checklist for Adult Sponsor (1)
2. Student Checklist 1A.
3. RESEARCH PLAN
 - A. RATIONALE
 - B. HYPOTHESIS
 - C. RESEARCH METHODS (*Procedures, Risk & Safety, Data Analysis*)
 - D. BIBLIOGRAPHY (*at least 5 references*)
4. Approval Form 1B (for All students)
5. Abstract (Maximum of 250 words)

PART II. ADDITIONAL REQUIRED FORMS (Disregard a form if not applicable)

6. Regulated Research Institutional or Industrial Setting Form (1C)
7. Qualified Scientist Form (2)
8. Risk Assessment Form (3) *i.e. use of commercial insecticide as control*
9. Human Participants Form (4)



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10. Vertebrate Animal Form (5A)
11. Vertebrate Animal Form (5B)
12. Potentially Hazardous Biological Agents Risk Assessment Form (6A)
13. Continuation/Research Progression Project Form (7)

PART III. RESEARCH PAPER (Strictly Observe IMRAD Format)

1. Cover Page
2. INTRODUCTION
3. METHODOLOGY
4. RESULTS
5. DISCUSSION
6. LIMITATIONS ON THE RESEARCH DESIGN & MATERIAL
7. CONCLUSION, RECOMMENDATIONS, NOTES, WORKS CITED
AND APPENDICES/BIBLIOGRAPHY & PICTORIALS with labels

PART IV. RESEARCH ABSTRACT (Maximum of 250 words)

PART V. RESEARCH LOGBOOK (3 sets of photocopies per project)

6. All the required forms for Investigatory Project write-ups can be downloaded from
<https://student.societyscience.org/intel-isef-forms>
7. All write-ups shall use small size bond paper (A4 or letter) with the font style of Times New Roman and font size 12 in double space.

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