
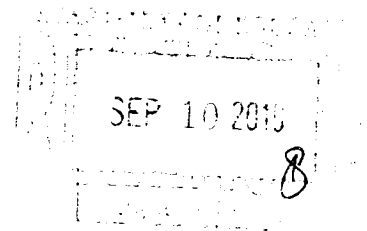
	<p>Republic of the Philippines Department of Education Cordillera Administrative Region SCHOOLS DIVISION OF BENGUET Wangal, La Trinidad, Benguet Tel.No.- 422 6570 Email Add- benguet@deped.gov.ph</p>		<p>Document Code: SDO-BENG-QF-OSDS- SDS-003 Revision: 00 Effectivity date: 09-03-2018</p>
<p>Division Memo No. <u>265</u> s.2019</p>			<p>Name of Office: OSDS-SDS Office</p>

TO: Public Schools District Supervisors/District In-Charge
Public and Private Elementary and Secondary School Heads
Teachers

FROM: **MARIE CAROLYN B. VERANO, CESO VI**
Schools Division Superintendent

SUBJECT: **2019 DIVISION SCIENCE AND MATHEMATICS FESTIVAL**

DATE: September 6, 2019



1. The Schools Division of Benguet will conduct the Division Science and Mathematics Festival for the School Year 2019-2020 on **October 9-11, 2019 at Loo National High School and Loo Elementary School** with the theme, **"SCIENCE AND MATHEMATICS FOR THE PEOPLE: ENABLING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT"**.
2. This festival is an annual academic competition to promote Mathematics, Science and Technology consciousness and a culture of innovation among the youth. It also aims to identify the most creative and innovative learners who shall represent the division in the Regional Science and Mathematics Festival. The schools therefore are encouraged to promote and conduct Science and Mathematical Investigations that will address the environmental protection and conservation of the ecosystem.
3. Arrival of participants and registration will be on October 9, 2019 at 1:30-3:00 PM at Loo NHS. **Technical Working Group meeting will be on October 9, 2019 at 10:00 AM at Loo NHS and a solidarity meeting for all coaches and management staff will be conducted on October 9, 2019 at 3:00 PM.**
4. Participants to the said festival are the first place winners from each district in quizzes, board games and Search for the Outstanding Science Teacher (1 Elem & 1 Secondary) and Math Teacher (1 Elem & 1 Secondary) while it is an open entry for the Science and Math Investigations, Robotics, Innovation/Invention Expo, On-the-SPPOT (Science Processes and Practices On-Site Test) and Action Research and Strategic Intervention Materials.
5. Submission of write-ups for Science and Mathematics Investigation, Innovation/Invention Expo, Strategic Intervention Material, Search for Outstanding Science and Math Teachers, and **list of participants** will be on **September 30, 2019 at the CID Office, SDO-Benguet.**
6. Registration fee for the festival is **Two Hundred Fifty Pesos (Php 250.00)** only and shall be collected per participant and coach to defray expenses for the materials needed, honoraria, meals and snacks of judges and other incidental expenses. An additional registration fee (optional) of Four Hundred Eighty Pesos (Php 480.00) will be collected to cover 6 meals. If the schools opt to let the school cater for their food, they should coordinate with the school head of Loo NHS thru CP no. 09486970496 at an earlier date. Payment through check must be in the name of **BUGUIAS NATIONAL HIGH SCHOOL.**
7. Travel expenses, registration fee and other incidental expenses of participants shall be charged against local funds or other sources subject to the usual accounting and auditing rules and regulations.
8. The following are enclosed for information and guidance of all concerned:
 - Enclosure No. 1 – List of contested activities and TWGs and Guidelines for the Quiz Bee
 - Enclosure No. 2 – Guidelines for Mathematical Investigation
 - Enclosure No. 3 – Guidelines for the Science Investigatory Project
 - Enclosure No. 4 – Guidelines for the Innovation/Invention Project
 - Enclosure No. 5– Guidelines for the On-the-Spot Science Competition
 - Enclosure No. 6– Criteria for the Search for Outstanding Science Teacher
 - Enclosure No. 7 – Criteria for the Search for Outstanding Math Teacher
9. Immediate dissemination of and strict compliance with this memorandum is desired.

**LIST OF ACTIVITIES AND TECHNICAL WORKING GROUP (TWG)
Steering Committee**

Chairman: Benilda M. Daytaca, Ed.D., Schools Division Superintendent
Co-Chairman: Nestor L. Bolayo, OIC Office of the Ass. Schools Division Superintendent
Chief, CID: Rizalyn A. Guznian Ed.D.
Members: Wilfred C. Bagsao, ESP-Mathematics
 Georgina C. Ducayso,, EPS-Science
 Melchor Tican, Public Schools District Supervisor -Buguias
 Bivian B. Cuh-ing., P-I, Loo NHS
 Onofre D. Limpayos, Principal 1, Loo Elementary School

Contest Areas	Category/Level	TWG
QUIZ-MATHEMATICS		
Math-Elementary	Grade 3-6 (1 participant per grade level)	Chairperson: Michelle M. Ngala Members: Mary Jane Leo, Carlyn Bacasen, Joanna Pontino and Perline Daculog
Math Secondary	Grade 7-10 & Senior HS-Gen. Math (1 participant per district)	Chairperson: Jardson Onio Members: Dionisia Pasigon, Nerie Macli-ing, Esther Bugtong and Vilma Beliano
QUIZ-SCIENCE		
Science-Elementary	Grade 3-6 (1 participant per grade level)	Chairperson: Ryan Salamat Members: Agnes Aquilino, Sharon Lamagan, Edina Awingan and Rodel Tomilas
Science-Secondary	Grade 7-10 (1 participant per district)	Chairperson: Jomar Palieng Members: Glinah Depollo, Janice Bagiw and Myrna Salis
DaMath		
Elementary	. Whole No. Grade 3 or 4, (1 participant per district) . Fraction DaMath Grade 5 or 6 (1 participant per district)	Chief Arbiter: Moresto Angyatao Arbiters: Chester Ramirez & Gabriel Ganawed Scorer: Jomar Soriano Timer: Eleuterio Tegan
Secondary	Grade 7-10 (Integers, Fractions, Radicals and Polynomials) 1 per grade level	Chief Arbiter: Eljun Arisga Arbiters: Hardy Domingo, Delfin Chawan, Roger Julian, Emilio Calabias Scorer & Timer: Merolyn Cosme
SCI-DAMA		
Elementary	. Water Patrol Grade 3 or 4, (1 participant per district) . Power Patrol Grade 5 or 6 (1 participant per district)	Chief Arbiter: Vincent Depayso Arbiters: Junwinver Joaquin, Benson Labaddan Scorer: Randall Napeek Timer: Cynthia Soriano
Secondary	Grade 7-10 (Electro, Sci Notation, THI and Thermodynamics)1 per grade level	Chief Arbiter: Amor Parista Arbiters: Jonathan Busilac, Willy Bosantog, Angelito Calatan and Tristan Malafu Scorer & Timer: Wilson Caysoen
On-the-Spot Science Competition (Science Processes and Practices On-Site-Test)		
Senior High School	Open Entry Maximum of 2 members per team	Chairperson: Charles Benito Member: Mary Ann Malipe, Juvy Dale Politchay
Science Innovation/Invention Expo		
Junior-Senior High School	Open Entry . Individual . Team (Max. of 3 members)	Chairperson: Felix Ancheta Member: Astrid Tino
Robotics and Intelligent Machine		
Junior-Senior High School	Individual Team (3 members)	Chairman: Alvin Guaki Member: Agustina Padinay
SCIENCE INVESTIGATORY PROJECTS		
	1. Elementary Team and Individual	Chairman: Jocelyn Langbis Member: Jasmin Relay
	2. Secondary – Life Team & Individual	Chairman: Loida A. Boslay Member: Maria Fe Bumughawi
	3. Secondary – Physical Team & Individual	Chairman: Jefferson Kisim Member: Simon Langbis
MATHEMATICS INVESTIGATORY PROJECTS		
	1. Research-Based Team & Individual	Chairman: Jim Alberto Members: Jufelia Paduyao, Decenia Cabacab
	2. Problem-Based Team & Individual	Chairman: Heather Banagui Members: Chrispher Ediong, Joy Camiling

STRATEGIC INTERVENTION MATERIAL		
SIM-Science and Math	1. Elementary	Chairman: Loma Wallit Member: Mary Jane Leo
	2. Secondary	Chairman: Nelia L. Depaynos Member: Jacqueline Gabatino
ACTION RESEARCH (Teacher Category)		
	Elementary & Secondary Math and Science	Chairman: Efagenia Paing Member: Marijone Loncio
REGISTRATION COMMITTEE	Elementary	Chairman: Loma Wallit Members: Cylene Bacbac Efagenia Paing Miguel Colos
Registration	Secondary	Chairman: Vilma Beliano Members: Nelia Depaynos Cherry Toguina
FOOD COMMITTEE	Coordinate with the host schools re: . time for breakfast, lunch and dinner . food (snacks and meals) for the Judges . Issues on food	Chairman: Glinah Depollo Members: Perlin Daculog, Vincent Depayso Chester Ramirez, Eljun Arisga Rodel Tomilas, Hardy Domingo
TABULATION		Chairman: Jomar Palileng Members: Jardson Onio, Vilma Beliano
AWARDS		Chairman: Charles Benito Members: Joan Pontino, Edina Awingan, Dionesia Antonio
PROGRAM	OPENING	Chairman: Jardson Onio Member: Jomar Palileng
	CLOSING	Chairman: Loma Wallit Members: Efagenia Paing, Jefferson Kisim
PRIZE and CERTIFICATES		Chairman: Ryan Salamat Members: Jim Alberto, Edina Awingan, Janice Bagiw
PARADE		Chairman: Vincent Depayso Members: Amor Parista, Moresto Angyatao
SANITATION		Chairman: Loida Boslay Members: Myrna Salis, Jefferson Kisim, Gabriel Ganawed Sharon Lamagan
DOCUMENTERS/ DOCUMENTATION		Chairman: Nerie Maci-ing Members: Agnes Aquilino, Rodel Tomilas, Mary Jane Leo

GUIDELINES FOR MATH AND SCIENCE QUIZ BEE

- Participants to the Math and Science quiz are the district champions in the Elementary and Secondary.
- Questions will be flashed on the screen for the contestants to read and answer the questions.
- The Math Quiz will be composed of Easy (to be solved mentally), Average and Difficult questions to be answered with a written solution in papers to be distributed during the event.
- "Clincher" or "Do or Die" questions will be given in case of ties.
- Science Quiz will be composed of Easy, Average (in multiple choice type) but not for the Difficult and Clincher questions.

Subject Area	Easy	Average	Difficult	Clincher/Do or Die
Math	15 sec	30 sec	60 sec	To be flashed on the screen
Science	10 sec	15 sec	30 sec	
Math Quiz: (Same with MTAP format)				

- There shall be Easy, Average and Difficult rounds of five (5) questions per category. Each correct answer for easy round is given two (2) points, average round three (3) points and difficult round five (5) points. In case of tie/s, clinchers/do or die questions will be given until the tie is broken. Each contestant will be given answer sheets to write their answers.
- The questions will be flashed on the screen and the time to start writing their answer will begin. The buzzer sounds after the given time limit and the contestants will raise their answers for recording and verification by the proctors and board of judges.
- If the proctor cannot determine the validity of the answer, the Board of Judges will decide on the matter. The decision of the board of judges is final.
- The duly registered coach of the contestant is only the authorized person to make protest. All protest should be referred to the board of judges before the quiz master reads the next question. No protests will be entertained after the quiz master has flashed the next question.
- Any violation of the aforementioned rules shall cause the disqualification of the contestant/s concerned.

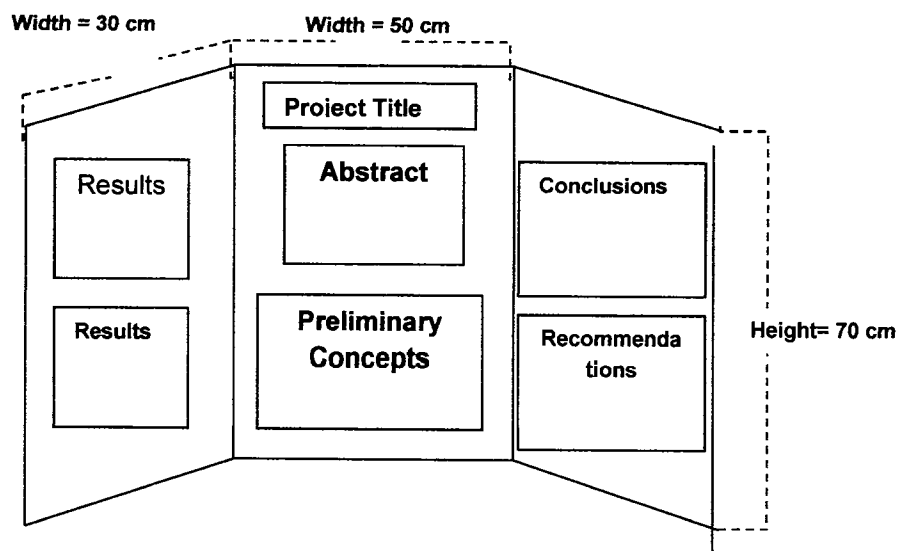
GUIDELINES FOR MATHEMATICAL INVESTIGATION

a) (Cluster 1 and 2, Individual and Team Categories)

1. This is open contest to all secondary schools regular (Cluster 1) and STE/RSHS (Cluster 2), individual and team categories.
2. Submit write-up in 3 copies (Team and Individual).
3. The team category will compose of 2 to 3 members with one adviser.
4. No tarpaulin, use card board or plywood.
5. The 1st place for cluster 1, the 1st and 2nd place for cluster 2 team and individual will compose the top three (3) who will be qualified for the Regional level.

Exhibit: Mathematical Investigation

Size of Display Board



B) On the spot Mathematics Investigation:
- Individual and Team

CRITERIA FOR MATHEMATICAL INVESTIGATION (WRITE-UP)

A) Use of Notation (2pts)

Achievement Level	Descriptor
0	The student does not use appropriate notation and terminology
1	The student uses some appropriate notation and terminology
2	The student uses appropriate notation and terminology in a consistent manner and does so through the work.

B) Communication (3 pts)

Achievement Level	Descriptor
0	The student neither provides explanations nor uses appropriate forms of representation.
1	The students attempt to provide explanations or use some appropriate forms of representations.
2	The student provides adequate explanations or arguments, and communicates them using appropriate forms of representation.
3	The student provides complete, coherent explanations or arguments, and communicates them clearly using appropriate forms of representation.

C) Patterns (5 pts)

Achievement Level	Descriptor
0	The student does not attempt to use a mathematical strategy.
1	The student uses a mathematical strategy to produce data.
2	The student organizes the data gathered.
3	The student attempts to analyze data to enable the formulation of a general statement.
4	The student successfully analyzes the correct data to enable the formulation of general statement.
5	The student tests the validity of the general statement by considering further examples.

D) Generalization (5 pts)

Achievement Level	Descriptor
0	The student does not produce any general statement consistent with the patterns and/or structures generated.
1	The student attempts to produce a general statement that is consistent with the patterns and/ or structures generated.
2	The student attempts to produce a general statement that is consistent with the patterns and /or structures generated.
3	The student expresses the correct general statement in appropriate mathematical terminology.
4	The student correctly states the scope or limitations of the general statement.
5	The student give a correct, formal proof of the general statement.

E) Use of Technology (3 pts)

Achievement Level	Descriptor
0	The student uses a calculator or computer for only routine calculations.
1	The student attempts to use a calculator or computer in a manner that could enhance the development of the task.
2	The student makes limited use of a calculator or computer in a manner that enhances the development of the task.
3	The student makes full and resourceful use of a calculator or computer in a manner that significantly enhances the development of the task.

F) Use of Work (5pts)

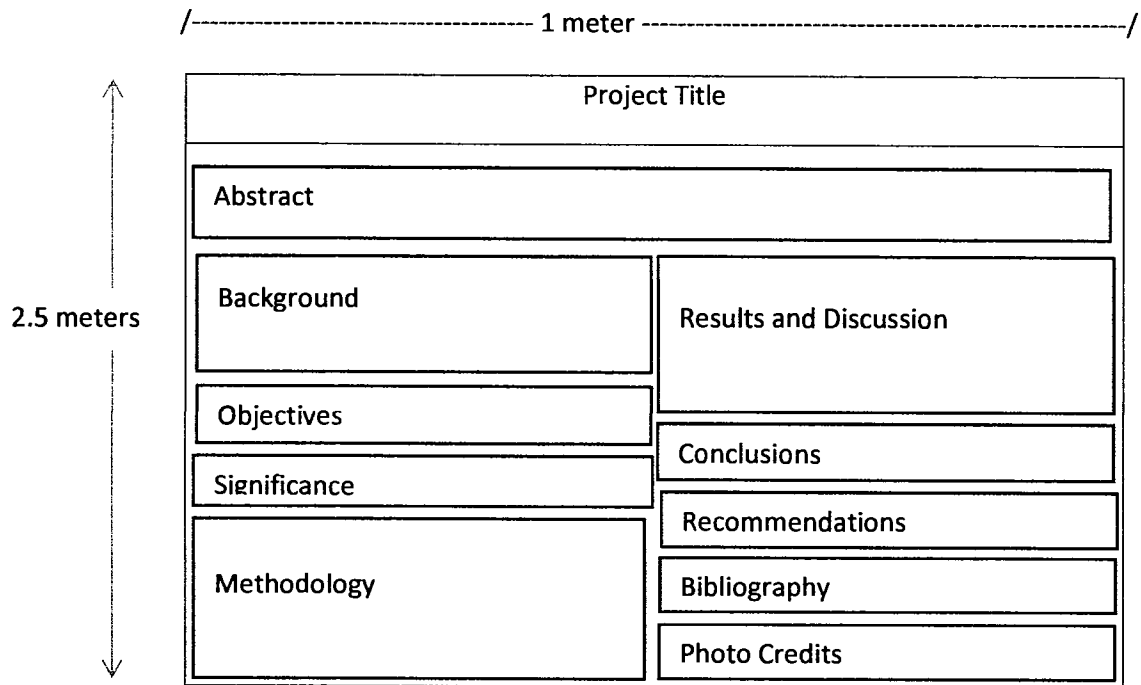
Achievement Level	Descriptor
0	Did not present his/her work
1	The student has shown a poor quality of work.
2	The student has shown a satisfactory quality of work.
3	The student has shown a very satisfactory of work
4	The student has shown an outstanding quality of work.
5	The students has shown an exemplar quality of work

Oral Defense (5pts)

Display (5pts)

FORMAT OF SCIENCE INVESTIGATORY PROJECT

**Exhibit Format: Science Investigatory Project
Size of Project**



Note: No tarpaulin for display board. Use card board or plywood.

I. Research Plan (This is compiled separately from the rest of the investigatory paper) All projects should include the following:

- A. Question or problem being addressed
- B. Goals/Expected Outcomes/Hypotheses
- C. Description in detail of method when formulating ANY AND ALL research plans.
 - Procedures: Detail all procedures and experimental design to be used for data collection.
 - Data Analysis: Describe the procedures to be used to analyze the data/results that answer research questions or hypotheses.
- D. Bibliography: List at least five (5) major references (e.g. science journal articles, books, internet sites) from your literature review. If you plan to use vertebrate animals, one of these references must be an animal care reference.

II. Project Data Book

A project data book is your most treasured piece of work. Accurate and detailed notes make a logical and winning project. Good notes show consistency and thoroughness to the judges and will help you when writing your research paper. Data tables are also helpful. They may be a little bit "messy" but be sure the quantitative data recorded is accurate and that units are included in the data tables. Make sure you date each entry.

III. Abstract

The abstract should be 250 words or less. Do not discuss specific aspects of the research in great detail, including experimental procedures and statistical methods. Any information that is unnecessary to include in a brief explanation should be saved for the written research paper or the project exhibit board.

If the project is a continuation from a previous year, the abstract should summarize the current year's work only. If mention of supporting research from the previous year(s) is necessary, it must be minimal.

Do not include acknowledgements in the abstract.

Format of the Research Paper: This should be prepared and available along with the project data book. A good paper includes the following sections:

- Title Page and Table of Contents
- Abstract
- Introduction
- Literature Review
- Methodology
- Results and Discussion
- Conclusions
- Recommendations
- Bibliography

Format of Paper Invention Report

Invention Report Paper:

- a) **Title Page and Table of Contents:** The title page and table of contents allows the reader to follow the organization of the paper quickly.
- b) **Introduction:**
- 1) **Features and Specifications** – This describes the details of your invention.
 - 2) **Market Trends and Opportunities** – This part of the report must include three items: what inspired you to develop this invention, an explanation of what problem your invention will solve, and describe in detail how you determined that the invention that you created did not already exist. Explain what products are already on the market that are somewhat like your invention and describe how yours differs.
- c) **Materials and Methods:** Describe in detail how you made your invention. Explain what materials were used and how you put them together to make your invention. Your report should be detailed enough so that someone would be able to repeat the steps and make your invention. Directions on how to use the invention are also necessary here. You must include a detailed drawing(s) of your invention.
- d) **Results and Discussion:** This is the essence of your paper. Compare your results with theoretical values, published data, literature and related studies, commonly held beliefs, and/or expected results. Include a discussion of possible errors, statistics, graphs, pages with your raw collected data, etc. How did the data vary between repeated observations of similar events? How were your results affected by uncontrolled events? What would you do differently if you repeated this project? What other experiments should be conducted?
- f) **Conclusions:** This discusses the potential applications, possible customer benefits, and the impact of the problem in solving problems and issues of today and tomorrow.
- g) **Acknowledgements:** You should always credit those who have assisted you, including individuals, businesses and educational or research institutions.
- h) **References/Bibliography:** Your reference list should be written based on the Chicago Manual of Style. For more information, you may visit the websites below:

- <http://www.chicagomanualofstyle.org/home.html>
- <http://www.calvin.edu/library/knightcite/index.php>

For more information about this event please contact Ms. Anna Liza Chan at annaliza.chan@deped.gov.ph for details.

Implementing Guidelines on the 2020 National On-the-Spot Science Competition

Component Area	Science, Technology and Mathematics	
Grade Level	Junior to Senior High School enrolled in Public, Private schools and ALS	
Event Package	On the S.Pp.O.T. (Science Processes and Practices On-Site Test)	
No. of Contestants	Two	
Time Allotment	Six (6) Hours	
Description	The competition enables learners to apply science and mathematics thinking skills to solve problems that have local, national and global impact. It allows the contestants to become problem solvers by addressing social, scientific and environmental issues through the application of 21 st century skills.	
Criteria for Assessment	Criteria (Part I)	Percentage
	Discussion/Arguments (based on scientific, technological and other valid assumptions, Feasibility of the proposed solution)	60%
	Clarity of presentation (ability to effectively communicate solutions)	30 %
	Evidence of effective collaboration	10%
	TOTAL	100 %
	(Part II)	
	Organization/Discussion/Arguments (based on scientific, technological and other valid assumptions, Feasibility of the proposed solution)	50 %
	Relevance of data used	20 %
	Clarity of Presentation	
	• Written	15 %
	• Oral	10 %
Evidence of effective collaboration	5 %	
TOTAL	100 %	
A. Contest Mechanics		
General Guidelines		
Part I – One-Minute Presentation		
<ol style="list-style-type: none"> 1. The first part of the contest is the One-Minute Presentation of the project proposal where the teams shall develop and present their proposal to the panel of judges of their solution about a real-world problem/scenario of local or global importance. The situation containing the problem shall be given on-site on the day of competition. 2. The contestants are given 2 hours to conceptualize and prepare their slides for presentation. All presentations shall not bear any markings that identify their regions. The contestants may use the internet and other printed resources in developing their presentation, however, the teams are not allowed to confer with their coaches while the contest is on – going. Any form of communication between the contestants and other parties (coach, parents, classmates, teachers, etc.) shall warrant automatic disqualification. 3. The presentations may consist of the following: <ol style="list-style-type: none"> a. Detail key features of the proposed solution. b. Challenge to resolve in order to effectively implement the proposed solution. c. Proposed solution may be similar or different from existing practices, technologies and solutions. If so, the presentation shall include on how the proposed solution would build up from the existing practices, technology and solutions. 4. At the end of two hours, all presentations shall be submitted to the assigned facilitators. 5. During the presentation, each team shall be given one minute to present. The time shall start as the contestants start to speak. 6. Draw lots shall be done to determine the order of presentation. While one team is presenting, all the other teams shall be at the holding room. 7. A timer board shall show the public as well as the contestant the time remaining for their presentation. 8. A buzzer shall signal that the time for presentation is up and the contestants shall immediately stop presenting. At the end of one minute, the mic of the contestants shall be turned off and advised to stop the presentation. 		

9. After the deliberation of the members of the panel of judges, the top eight teams shall be determined and announced to the public. The top eight teams shall move to the final round. The finalists shall not be allowed to leave the contest venue during the break. They can take their meals and snacks in the contest venue.

Part II – Developing the Proposed Solution

10. The Final round of the competition shall include developing the written description of the proposed solution and the oral presentation. Similar to part I the teams are allowed to use internet and other print resources. There shall also be no markings that will identify the regions of the contestants. They shall develop and print their proposals within 4 Hours. The scores in the preliminary round shall have no bearing in the final round.
11. The proposed solution shall have the following components:
- Title
 - Summary (100 – 200 Words)
 - Background and Problem (200 – 300 Words)
 - Describe the challenges and how the proposed solution address the problem presented.
 - Scientific Principles and Technology applicable to the resolution of the problem.
 - Beneficiaries
 - Proposed Solution to the Problem Presented (300 – 500 words)
 - Methods/Details of the proposed solution including the Cost -Analysis
 - Include illustrations, figures and charts.
 - References
 - May use any format as long as consistency is observed.
12. The teams shall encode their proposals in word processing software, double spaced using Bookman Old style font size twelve set in A4 size paper. Margins shall be 1 inch in all sides of the paper. Within the 4 hours, the teams shall submit their printed proposals (three copies) to the panel of judges.
13. The proposals shall be subjected to a plagiarism check. Any proposals which exceeds 15% similarity index (uncited) shall be deducted 2 points from the total score for every percent in excess. However, cited references shall be excluded from the 15% tolerance.
14. There shall be oral presentations limited to 3 minutes for each team without the use of slide decks. During the presentations, the team shall not identify themselves and the regions they are representing. Questions may be asked by the judges after each presentation. There shall be another drawing of lots to determine the order of presentation.

I. Resource Requirements			
	Contestants	Host School/Venue	Host Division/ Region
Attire	NFOT T-shirt or Plain White Shirt (Finalized on the day before the competition)		-
Tools and Equipment	Computer/ Laptop/ Notebook/ Printer, books and other printed resources, pocket wifi, extension cords	Timer, 2 multimedia projectors, fast internet connection, Sound System, Adequate electrical outlets, plagiarism checker	-
Physical Facilities		Hallwith stage, one holding room,	
Others		2 Bond paper A4	Utility expenses

CRITERIA FOR THE SEARCH FOR OUTSTANDING SCIENCE TEACHER**Note: All documents should be from 2016-present (before the deadline)****Deadline of Submission: September 30, 2019)**

Criteria	Weight	Level	Score	Actual Score	Means of Verification
1. Instructional Competence and teaching effectiveness	40				
a. Performance Rating- 3 latest rating period 2016-2017, 2017-2018 and 2018-2019	(15)				Performance Ratings
		4.9-5.0	15		
		4.7-4.8	12		
		4.5-4.6	10		
b. Instructional Materials made duly recognized by higher authorities.	(10)	National	10		Instructional Materials, Certification that the IMs passed the standard set by the LRMDS or recognition Received from higher Deped offices (SDO, RO & CO)
		Regional	8		
		Division	6		
		District	4		
		School	2		
c. Action Research, Innovation or CI	(15)	National	15		Research Proposal, Terminal Report approved by higher Deped Offices (SDO, RO & CO) Certificate of recognition
		Regional	12		
		Division	10		
		District	8		
		School	5		
2. Outstanding Accomplishments in Science	40				
a. Performing Science Club/YES-O Adviser/ Science Coordinator	(10)	Designation	2		Designation as adviser, Action plan, accomplishment Report-communications, - pictorials Recognition from school head or higher DepEd Offices
		Action Plan	2		
		Completion and Certification of Recognition	6		
b. Winning coach in science such as quiz, sci-dama, jingle, slogan, etc, competitions (1 st – 3 rd Place)	(5)	National	5		Certificates Pictures may be attached to support the certificates
		Regional	4		
		Division	3		
		District	2		
		School	1		
c. Winning coach in SIP (1 st -3 rd Place)	(10)	National	10		Certificates Pictures may be attached to support the certificates
		Regional	8		
		Division	6		
		District	4		
		School	2		
d. Resource Speaker, facilitator or trainor in Science training, LAC Sessions, etc. * Teacher who was invited in 2 or more Schools (or cluster)? Will get the point For District Level	(5)	National	5		Certificates Pictures may be attached to support the certificates
		Regional	4		
		Division	3		
		District	2		
		School	1		
e. Demonstration Teacher in Science	(3)	National	3		Certificate of Recognition Lesson Plan signed by DepEd authorities
		Regional	2		
		Division	1		
		District	.5		

f. Publish an article on Science in magazines or newspapers Writer of session guides and lesson plans	(2)	National	2	Copy of the articles (<i>Articles published in school papers are not given points</i>)
		Local	1	
g. Active participation as TWG in Science activities like science fairs, science camp, LAC sessions, INSET, etc.	(5)	National	5	Certificate of Recognition
		Regional	4	
		Division	3	
		District	2	
		School	1	
3. Community Involvement	5			
a. Involvement in community activities, Programs and projects	(3)	Chairman	3	Certification, other manuscript that will prove participation of the teacher to the community activities
		Member	2	
b. Membership in Professional organizations	(2)	Officer	2	Certifications
		Member	1	
4. Professional Development and Trainings attended	5			
a. Participation in Science Trainings and conferences		National	5	Certificates
		Regional	4	
		Division	3	
		District	2	
		School	1	
5. Awards Received	10			
		National	10	Certifications and pictorials
		Regional	8	
		Division	6	
		District	4	
		School	2	
Total	100			

CRITERIA FOR THE SEARCH FOR OUTSTANDING MATH TEACHER

Note: All documents should be from 2016-present (before the deadline)

Deadline of Submission: September 30, 2019)

Criteria	Weight	Level	Score	Actual Score	Means of Verification
1. Instructional Competence and teaching effectiveness	40				
a. Performance Rating- 3 latest rating period 2016-2017, 2017-2018 & 2018-2019	(15)				Performance Ratings
		4.9-5.0	15		
		4.7-4.8	12		
		4.5-4.6	10		
b. Instructional Materials made duly recognized by higher authorities.	(10)				Instructional Materials, Certification that the IMs passed the standard set by the LRMS or recognition Received from higher Deped offices (SDO, RO & CO)
		National	10		
		Regional	8		
		Division	6		
		District	4		
		School	2		
c. Action Research, Innovation or CI	(15)				Research Proposal, Terminal Report approved by higher Deped Offices (SDO, RO & CO) Certificate of recognition
		National	15		
		Regional	12		
		Division	10		
		District	8		
		School	5		
2. Outstanding Accomplishments in Science	40				
a. Performing Math Club/Math Coordinator	(10)				Designation as adviser, Action plan, accomplishment Report-communications, - pictorials Recognition from school head or higher DepEd Offices
		Designation	2		
		Action Plan	2		
		Completion and Certification of Recognition	6		
b. Winning coach in science such as Math Quiz, DaMath, and other Math competitions (1 st – 3 rd Place)	(5)				Certificates Pictures may be attached to support the certificates
		National	5		
		Regional	4		
		Division	3		
		District	2		
		School	1		
c. Winning coach in Mathematical Investigations (1 st -3 rd Place)	(10)				Certificates Pictures may be attached to support the certificates
		National	10		
		Regional	8		
		Division	6		
		District	4		
		School	2		
d. Resource Speaker, facilitator or trainor in Math training, LAC Sessions, etc.	(5)				Certificates Pictures may be attached to support the certificates
		National	5		
* Teacher who was invited in 2 or more Schools will get the point for District Level		Regional	4		
		Division	3		
		District	2		
		School	1		

Criteria	Weight	Level	Score	Actual Score	Means of Verification
e. Demonstration Teacher in Math	(3)				Certificate of Recognition Lesson Plan signed by DepEd authorities
		National	3		
		Regional	2		
		Division	1		
		District	.5		
f. Publish an article on Math in magazines or newspapers, Writer of session guides and lesson plans exemplars	(2)	National	2		Copy of the articles (<i>Articles published in school papers are not given points</i>)
		Local	1		
g. Active participation as TWG in Math activities like Math Festival, LAC sessions in Math, INSET in Math, etc.	(5)				Certificate of Recognition
		National	5		
		Regional	4		
		Division	3		
		District	2		
		School	1		
3. Community Involvement	5				
a. Involvement in community activities, Programs and projects	(3)	Chairman	3		Certification, other manuscript that will prove participation of the teacher to the community activities
		Member	2		
b. Membership in Professional organizations	(2)	Officer	2		Certifications
		Member	1		
4. Professional Development and Trainings attended	5				
		National	5		Certificates
a. Participation in Math Trainings and conferences		Regional	4		
		Division	3		
		District	2		
		School	1		
5. Awards Received	10				
Any award from DepEd or other agencies		National	10		Certifications and pictorials
		Regional	8		
		Division	6		
		District	4		
		School	2		
Total	100				