Department of Education
Region VI-Western Visayas
DIVISION OF AKLAN
Archbishop G.M. Reyes St., Kalibo, Aklan

December 12, 2018

DIVISION MEMORANDUM
No. 428, s. 2018

DIVISION SCIENCE CONGRESS 2019

To: **Chief Education Supervisors**
Education Program Supervisors
Senior/Education Program Specialists
Public Schools District Supervisors
Principals/Head Teacher In-Charge of the District
School Heads of Public Elementary and Integrated Schools
Science Teachers Concerned

1. Science congress will be conducted to connect classroom learning with real-life applications. This aims to develop learners' interest in Science and at the same time, harness their skills and talents in the practical application of Science in their daily lives.

2. This year's theme is ***"Science Multiplies Ideas so Life Everywhere Shines (SMILES)"***. This will open wider avenue for students to understand that practically, everything in their environment is related to Science. Activities and contests during the contest will also connect Science and the environment for students to appreciate how Science is useful towards environmental protection and conservation.

3. Understanding its significance, the DepEd-Division of Aklan will conduct the **DIVISION SCIENCE CONGRES 2019** in the Districts of Ibajay. The main host school is Ibajay Central Elementary School. Names of nearby schools to be used as billeting areas will be announced later. The schedule of the aforementioned congress is stated below:

    a. Secondary Level – **February 28 to March 02, 2019**

    b. Elementary Level – **March 07 to 09, 2019**

4. Participants to this activity are the Education Program Supervisor in Science, District Science Coordinators, Science/other related subject teachers from Grades 3 to 12, Science club officers and members, and students from Grades 3 to 12 of all private and public elementary and secondary schools in the division.

5. There are plenary sessions and separate break-out activities for the pupil/students and teacher participants. Certificates will be given to teachers in every lecture/workshop they will attend.

6. Attached enclosures include Pre-Registration Form, Information Guide and Contest Rules and Guidelines.

7. Teacher and student/pupil participants are requested to confirm their participation by submitting the Enclosed Pre-Registration Form **on or before February 15, 2019 for secondary level** and **on or before February 22, 2019 for elementary level** to Dr. Mary Cherry Lynn M. Dalipe, Education Program Supervisor in Science.

8. A registration fee of **Two Hundred Pesos (₱200.00)** shall be charged to cover expenses for the ID, camp kit, billeting fee, training materials, honoraria of resource speakers and judges and other operational expenses related thereto. Late registration will be **Two Hundred Fifty Pesos (₱250.00)**, if received after February 15, 2019 for the secondary level and after February 22, 2019 for the elementary level. Registration fee, travel expenses, per diem, and other allowable expenses of the participants may be charged against local/school board/club funds subject to its availability and the usual accounting rules and auditing procedures.

9. Early registrants will be given priority on room assignment and catering transactions.

10. Participants to this workshop will be given **service credits** (Saturday) as per DepED Order No. 53, s. 2003.

11. Facilitators and members of the Secretariat and Working Committees are authorized to be in the venue one day before the scheduled activity until the last day of the congress.

12. Immediate and wide dissemination of the content of this Memorandum to all concerned is desired.

Dr. SALVADOR O. OCHAVO, Jr., CESO VI
Schools Division Superintendent

/MCLMD

Encls: As stated
Allotment:
To be indicated in the Perpetual Index
Under the following subjects:

SCIENCE CLUBBING **SCIENCE** **CONTESTS**
SCIENCE EDUCATION **TEACHERS** **STUDENTS**

Enclosure No. 1

DIVISION SCIENCE CONGRESS 2019

Secondary Level – February 28 to March 02, 2019
Elementary Level – March 07 to 09, 2019
IBAJAY EAST & WEST

Contests

1. **MEGA QUIZ** – This contest aims to enhance and develop the critical science thinking skills of the learners. The coverage of the quiz is based on the DepED learning competencies from the 1st to 4th Grading Period, NAT Least Learned Skills, plus Science Updates. There will be two categories – individual and group contest.

    a. **Individual Contests:**

        a. For the **Elementary Level (Grades 4, 5, and 6)**, there will be five (5) contestants per district in each grade level.
            i. Round 1 – Paper and Pencil Test (all the contestants will take the written test. Only those who will be qualified to proceed to the next round will take the oral test using illustration board.
            ii. Round 2 – Oral Test (either for those who only obtain the cut-off score set or the Top 20).

        b. For **Junior High School (Grades 7, 8, 9, and 10)**, there will be one (1) contestant per school in each grade level.
            i. Round 1 – Paper and Pencil Test (all the contestants will take the written test. Only those who will be qualified to proceed to the next round will take the oral test using illustration board.
            ii. Round 2 – Oral Test (either for those who only obtain the cut-off score set or the Top 20).

    b. **Team Contests:**
        a. For the **Elementary Level**, there will be five (5) teams per district (with three members per team which should be composed of Grades 4,5, and 6 pupils).
            i. Round 1 – Paper and Pencil Test (all the contestants will take the written test. Only those who will be qualified to proceed to the next round will take the oral test using illustration board.
            ii. Round 2 – Oral Test (either for those who only obtain the cut-off score set or the Top 20).
        b. For the **Junior High School**, one team per school with four (4) members which should be composed of Grades 7, 8, 9, and 10 students. There will be no Team Contest for Senior High School.
            i. Round 1 – Paper and Pencil Test (all the contestants will take the written test. Only those who will be qualified to proceed to the next round will take the oral test using illustration board.
            ii. Round 2 – Oral Test (either for those who only obtain the cut-off score set or the Top 20).

2. **CREATE, SHOW, AND TELL** – The contest gives opportunities for the participants to design something out of the given materials and justify the created products afterwards. The Committee assigned to conduct this contest will prepare the needed materials and objectives of the activities.

a. For **Elementary Level**, three schools/teams per district can join. Each team will be composed of four (4) members coming from **Grades 3 to 6**;
b. For the **Secondary Level**, one team per school composed of four (4) members coming from **Grades 7 to 10**.
c. There will only be **TWO (2) activities** to be performed by the participants and winners will be determined using the overall rank of the group. The competition will be done publicly to allow other participants to observe.

3. **ESSAY WRITING CONTEST**

English

a. For **Elementary Level**, students from Grades 3 to 6 can join the contest. There should only be five (5) contestants per district.
b. For **Secondary Level**, every school should only have one (1) contestant from Junior High School and one (1) contestant from Senior High School.
c. The theme shall be announced before the contest starts. It will evolve on science issues and topics.
d. It must be legibly written in English for not more than one hour.
e. Draft or prepared essay is not allowed.
f. Bond paper will be provided.
g. Criteria: Content 40%, relevance to the theme 30%, Unity/Organization of ideas 15%, and Grammar 15%

Akeanon

a. For **Elementary Level**, students from Grades 3 to 6 can join the contest. There should only be five (5) contestants per district.
b. For **Secondary Level**, every school should only have one (1) contestant from Junior High School and one (1) contestant from Senior High School.
c. The theme shall be announced before the contest starts. It will evolve on science issues and topics.
d. It must be legibly written in Akeanon for not more than one hour
e. Draft or prepared essay is not allowed.
f. Bond paper will be provided.
g. Criteria: Content 40%, Relevance to the theme 30%, Unity/Organization of ideas 15%, and Grammar 15%.

4. **POEM WRITING CONTEST**

English

a. For **Elementary Level**, students from Grades 3 to 6 can join the contest. There should only be five (5) contestants per district.
b. For **Secondary Level**, every school should only have one (1) contestant from Junior High School and one (1) contestant from Senior High School.
c. Title and content must be relevant to the theme. It will evolve on science issues and topics.
d. Draft or prepared poem is not allowed. Language should be purely English and not "Taglish".
e. Bond paper will be provided.
f. Criteria: Content or Substance – 30%; Technical Excellence (grammar, mechanics, and spelling) – 25%; Relevance to the theme – 15%; Poetic Structure (originality/authenticity (uses distinctive creative skills to express the theme or topic) – 15%; and over-all impact (poem enables reader to see, feel, or think about the theme or topic in a new, more compelling way) – 15%

Akeanon

a. For **Elementary Level**, students from Grades 3 to 6 can join the contest. There should only be five (5) contestants per district.
b. For **Secondary Level**, every school should only have one (1) contestant from Junior High School and one (1) contestant from Senior High School.
c. Title and content must be relevant to the theme. It will evolve on science issues and topics.
d. Draft or prepared poem is not allowed. Language should be purely "Akeanon".
e. Bond paper will be provided.
f. Criteria: Content or Substance – 30%; Technical Excellence (grammar, mechanics, and spelling) – 25%; Relevance to the theme – 15%; Poetic Structure (originality/authenticity (uses distinctive creative skills to express the theme or topic) – 15%; and over-all impact (poem enables reader to see, feel, or think about the theme or topic in a new, more compelling way) – 15%

4. TERRA-AQUARIUM MAKING

a. For **Elementary Level**, students from Grades 3 to 6 can join the contest. There should only be three (3) contestants per district but they will work individually. One pupil will work on one entry.
b. For **Secondary Level**, students from either Grades 7 to 12 can join the contest. Only one (1) entry is allowed per school.
c. The contestant shall provide the **two empty 6000 mL mineral water container** of the same brand and other materials. All materials must be brought by the contestants.
d. Models which did not follow the correct concept will be disqualified.
e. Criteria: Artistry/Creativity -40%, Craftsmanship -20%, Harmony -20%, Overall Impact -20%

5. SIYENSAYAWIT (SINGING WITH DANCE/CHOREOGRAPHY) CONTEST

a. For **Elementary Level**, only one (1) team per district is allowed to compete. Members of the team are either from Grades 3 to 6.
b. For **Secondary Level**, only maximum of two (2) teams per district is allowed to compete. The District Science Coordinator must signify if what two (2) schools could have entries. Team members may either from Grades 7 to 12.
c. There must be 10-15 members per group per group/team.
d. The participating group may be all-boys, all-girls, or mixed.
e. Performance must not exceed five (5) minutes including entrance and exit.
f. Performer can use more than one music. Lyrics of the song must be original, written in English, Filipino, or Aklanon.
g. Performance must depict science concepts, technology, or science-related activities.
h. Vulgar or very revealing outfits must not be used.
i. Music piece must be in audio-CD form and must be submitted to the contest committee before the contest.
j. Criteria for Judging: Choreography (music interpretation and style, originality of choreography) – 20%; lyrics of the song/message of the song – 15%; body lines (timing and rhythm, connection/coordination – 20%; performance (full presentation, technique, skills, costume, stage presence) – 35%; and audience impact – 10%.

6. SCIENCE RAP

a. For **Elementary Level**, only two (2) teams per district is allowed to compete coming from Grades 3 to 6.
b. For **Secondary Level**, only maximum of two (2) teams per district is allowed to compete. The District Science Coordinator must signify if what two (2) schools could have entries.
b. Two students are allowed per team. One will perform the beat box and the other one on vocals.
c. Content of the piece must strictly be about issues related to science and technology.

d. A Rap is basically poetry that is said to a beat. However, Rap doesn't always rhyme and neither does poetry. Students are evaluated on the following elements of a rap: Strong delivery (Enthusiasm, eye contact, pace, volume, pitch, expression and tone), Persuasive Elements (establishing facts, convincing arguments, focused introduction and conclusion) Rap/Musical Elements (Beat, Rhythm, Flow, Dynamics) and the Content (Who, What, When, Where, Why) .
e. Three copies of the lyrics must be submitted to the contest facilitators before the contest will start.
f. Criteria for judging is as follows:

Stage Presence (Charisma, Character, Personality)	**Delivery** (right conviction, timing, clarity of the message, diction)	**Relevance to the theme** (environmental awareness)	**Crowd Control** (Knowing how to draw big reactions from the audience)	**Wit** (confidence, audience appeal, over-all appearance)
30%	**30%**	**15%**	**15%**	**10%**

7. POSTER MAKING CONTEST

a. For **Elementary Level**, only three (2) contestants per district is allowed to compete coming from Grades 3 to 6.
b. For **Secondary Level**, only one (1) contestant per school is allowed to compete coming from Grades 7 to 12.
c. All poster-making materials will be brought by the contestant. As drawing medium, contestants must use ½ illustration board. Each contestant may use any illustrating and coloring medium from the following:

- Pencil
- Crayons
- Markers
- Pens
- Ink
- Craypas
- Acrylic paints
- Pastel
- Oil paints
- Poster color
- Water color
- Colored pencils

b) All artworks must be created on the spot and completed within the allotted time of two (2) hours.
c) No phrase or quotations must be written on the piece.
d) Criteria: Originality of Idea 25%, Relevance to the theme 25%, Artistry/Color Harmony 30% and Overall Impact 20%

8. SCIENCE MAZE

a) Students will be grouped into ten (10) groups. Students coming from different schools will compose each group.
b) There will be ten (10) stations with different challenges/task to be accomplished per station. Team cannot proceed to next station unless they have accomplished the task on the preceding station.
c) In every station, students will be able to learn new science concepts and its application to their daily lives.

9. RECYCLING SHOWCASE

a. For **Elementary Level**, only three (3) groups per district is allowed to compete coming from Grades 3 to 6. Each group must be composed of four (4) members.
b. For **Secondary Level**, only one (1) contestant per school is allowed to compete coming from Grades 7 to 12. Each group must be composed of four (4) members.
c. The main materials to be used in this contest are categorized to:
   i. used tin can or soda cans,
   ii. used tarpaulins
   iii. used glass bottles

iv. used foil

d. One student will make a product out of tin cans or soda cans; another student will make a product out of used tarpaulins ; another one will create a product out of glass bottles(wine glass, vinegar or soysauce glass, etc.) and another student will make a product out of used foil (milk foil, junkfood foil, other used foils).
e. They will be given **two hours** to finish their products. After two hours, they have to display their products for judging and inspection.
f. Tools and all materials needed should be brought by the contestants. Every product will be ranked per category against that of other teams . The mean rank will be used as basis in determining the winner.
g. Criteria for judging: Creativity and Originality – 30%; Workmanship and Skills applied – 30%; Usability or Practicality – 20%; and over-all impact/appearance – 20%.

10. LECTURE-WORKSHOP for TEACHERS (TEACHING SCIENCE CONCEPTS the FUN and PRACTICAL WAY thru SCIENCE GAMES)

a) Teachers will be given ideas on how Science concepts can be taught in a fun way, utilizing even the indigenous and readily available materials.
b) Video clips showing Science updates and breakthroughs will also be presented. This will be done to enhance teachers' knowledge on what's new in the field of science and technology.

11. MUNTING LAKAN AT MUNTING LAKAMBINI NG SIYENSIYA (ELEMENTARY), LAKAN AT LAKAMBINI NG SIYENSIYA (SECONDARY)

a. Only one male and one female contestant is allowed per district. Those schools who wish to have only one entry (either boy or girl) may join since they are competing individually and not as a pair.
b. Contestants must undergo the Screening and Elimination round if the number of aspirants exceed eight. They will be asked to wear casual attire. They will present/introduce their selves and be subjected to interview. There shall be a different set of Board of Judges during the elimination and the finals.
c. Only ten (10) male and ten (10) female candidates will qualify for the Pageant Night.
d. The candidates must be registered camp participants.
e. The pageant shall consist of FOUR (4) portions, namely:
   i. ***Production Number*** – contestants will wear their Science organization t-shirt and white pants.
   ii. ***Futuristic Attire*** – techno-inspired outfit depicting the future. Costume may be metallic. Lights as embellishments are allowed. Dominant colors may be white, black, silver, gold, or metallic colors.
   iii. ***Evening Gown/ Formal Evening Suit*** - Colors may depict the elements of nature (Air, Water, Fire, and Earth). Very huge and bulky headdress is not allowed.
   iv. ***Question and Answer*** (The questions to be answered must have relevance to the theme, about Science and Technology and other related topics.)

Enclosure No. 2

Control No. _____

Copy for:
- ☐ Registration Committee
- ☐ Billeting Committee

2019 DIVISION SCIENCE CONGRESS REGISTRATION FORM

(Prepare in three copies)

District: _____ School: _____
Name of the School Science Organization: _____
Name of Science Coordinator: _____ Position: _____
Contact Number: _____

Name of School Head: _____ Contact No.: _____

NAME OF PUPIL/ STUDENT	SEX	YEAR LEVEL	CONTEST TO BE PARTICIPATED
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			

NAME OF PUPIL/ STUDENT	SEX	YEAR LEVEL	CONTEST TO BE PARTICIPATED
27.			
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.			

NAME OF TEACHER	POSITION	Contact Number	COACH OF WHAT CONTEST? *(If not, just indicate NONE)*
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Total Number of Students: _____ Total Number of Teachers: _____

Total participants: _____ Total amount to be paid: _____

Submitted by:

_____

(Printed Name & Signature)

(For Management use only)

Control No. _____

Total Amount Paid: _____ (Php _____) only.

Date Received: _____ Received by: _____

Balance: _____ (Php _____).

Room Assignment: _____ School: _____

Authorized to Leave (Cleared by): _____ Signature: _____

Enclosure No. 3

2019 DIVISION SCIENCE CONGRESS
PARENTAL CONSENT

I hereby allow my son/daughter/_____ to participate in the 2019 Division Science Congress which will be held in _____ on _____. This is to further certify that I will not hold the organization responsible for any untoward incident that may happen beyond their control as long as utmost care and precaution will be undertaken.

_____
Signature over Printed Name
Name of Parent/Guardian

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2019 DIVISION SCIENCE CONGRESS
PARENTAL CONSENT

I hereby allow my son/daughter/_____ to participate in the 2019 Division Science Congress which will be held in _____ on _____. This is to further certify that I will not hold the organization responsible for any untoward incident that may happen beyond their control as long as utmost care and precaution will be undertaken.

_____
Signature over Printed Name
Name of Parent/Guardian

Enclosure No. 4

2019 DIVISION SCIENCE CONGRESS

SCHOOL HEAD'S ENDORSEMENT

District: _____School:_____

School Address: _____

Name of the School Science Organization:_____

Name of School Science Coordinator: _____

Designation: _____

Contact Number:_____ e-mail address: _____

This is to certify that I am allowing my teachers and pupils/students to participate in the **2019 Division Science Congress** in relation to Division Memorandum No. ____, s. 2018 entitled, **"2019 Division Science Congress"** which will be held in _____ on _____.

_____
Signature over Printed Name
Name of School Head/Principal

Date: _____

Enclosure No. 5

INFORMATION GUIDE

TARGET PARTICIPANTS

1. ***Elementary*** - **Grades 3 to 6 pupils are allowed** to join the camp and only those with 20 or more participants will be allowed to join group contests and the Search for the Munting Lakan at Lakambini ng Siyensiya.
2. ***Secondary*** - **All year level (Junior and Senior High School)** can join the camp and only those schools with 30 or more delegates can join the group contest and the Search for the Lakan at Lakambini ng Siyensiya.

A. What to bring:

Science club T-shirt, jacket, rubber shoes, slippers, jogging pants and sleeping wear, mosquito repellent lotion, parent's permit, personal belongings (glass, plates, spoons and forks, flashlight, medicines), a small tent just in case the room is not enough. Classrooms shall be used as sleeping quarters but delegates have to provide mats, blankets, and pillows with cases. Big delegations shall provide tents if they could not be accommodated in the rooms. Participating schools shall bring at least three sacks or black garbage bags for proper disposal of garbage and to be used during the clean-up drive.

B. Meals:

Schools may avail catering services or may cook their own food, provided they have to bring their own cooking utensils and equipment. Strictly **NO cooking is allowed using electricity (rice cooker and electric stoves and the like)**. There will be designated place for cooking. Cooking in front of the classroom/billeting quarter is **NOT ALLOWED**. Once caught violating the rule, schools will face the below listed sanctions;

a. **Cooking using electric stove/ electric heater/rice cooker and the like** – Php1,000 per incident
b. **Cooking in non-designated area** - Php1,000 per incident

REGISTRATION MATTERS

- Teacher and student/pupil participants are requested to confirm their participation by submitting the Enclosed Pre-Registration Form **on or before February 15, 2019 for secondary level** and **on or before February 22, 2019 for elementary level** to Dr. Mary Cherry Lynn M. Dalipe, Education Program Supervisor in Science.
- **Late or on-site registration is not encouraged since it may cause problems on room assignment, particularly on the room size.**

✓ On-site registration - Php 250.00 per participant (if full payment is given **after the deadline**

✓ Pre-Registered - Php 200.00 per participant *(if full payment is given* ***on or before the deadline***

HOW TO AVAIL FREE REGISTRATION FEE?

- **ALL TEACHER FACILITATORS AND DISTRICT SCIENCE COORDINATORS ARE FREE.**
- But for other teachers:

A. For **Elementary Schools**:

i. Districts with 50-99 pupils - three teachers are free
ii. Districts with 100-149 pupils - five teachers are free
iii. Districts with 150-199 pupils - seven teachers are free
iv. Districts with 200-249 pupils - nine teachers are free
v. Districts with 250-299 pupils - twelve teachers are free
vi. Districts with 300 pupils or more - fifteen teachers are free

B. For **Secondary Schools**:

i. Schools with 20-29 students - one teacher is free
ii. Schools with 30-39 students - two teachers are free
iii. Schools with 40-59 students - three teachers are free
iv. Schools with 60-89 students - five teachers are free
v. Schools with 90 or more students - seven teachers are free

During Registration, the following documents must be submitted: PARENTS' CONSENT/ SCHOOL HEAD'S ENDORSEMENT. Names of teachers whether free or paying must be listed so they will be included in the list to be given certificates.

CAMP RULES

Teacher facilitators and teacher participants MUST sign the attendance sheet in the morning and in the afternoon. There are designated in-charge for the attendance.

The management and the host school will not be held liable for any loss of valuables during the camp. Hence, everyone is advised to bring with them their personal belongings/valuables. Rooms must be locked or secured. Cleanliness must be maintained. There are teacher facilitators assigned to monitor the cleanliness of every quarters. Loss or damage of facilities that occurred during the duration of the stay in the room will be charged to the delegates, hence, utmost care is requested. When caught littering or when schools dispose their waste improperly, they will face the below listed sanctions;

a. **Leaving the billeting quarter dirty/untidy** – Php1,000
b. **Destroying any equipment/appliances in the billeting area** – amount will correspond to the cost of the damaged equipment/appliances
c. **Wastes not properly placed/stored in black plastic garbage bag or sack** - Php 1,000 per incident

AWARDING OF WINNERS

- There will be ten (10) awardees in the elementary and ten (10) awardees in the secondary level.
- The **DISTRICT** with the highest accumulated scores will be declared as champion. Awarding for elementary level will be among districts. For secondary level, identification of winners will be per school.

1. Individual Scoring	Points	2. Team/Group Scoring	Points
✓ First Place	✓ 15	✓ First Place	✓ 30
✓ Second Place	✓ 13	✓ Second Place	✓ 28
✓ Third Place	✓ 12	✓ Third Place	✓ 26
✓ Fourth Place	✓ 10	✓ Fourth Place	✓ 24
✓ Fifth Place	✓ 9	✓ Fifth Place	✓ 22
✓ Sixth Place	✓ 8	✓ Sixth Place	✓ 20
✓ Seventh Place	✓ 7	✓ Seventh Place	✓ 18
✓ Eighth Place	✓ 6	✓ Eighth Place	✓ 16
✓ Ninth Place	✓ 5	✓ Ninth Place	✓ 14
✓ Tenth Place	✓ 4	✓ Tenth Place	✓ 12
✓ Participant	✓ 2	✓ Participant	✓ 8

E. Participants shall register their names on the respective contests or activities they intend to join. Wearing of Camp ID/badge must be done at all times for your own safety and security.

G. **Parent's Permit** must be submitted to the registration committee upon arrival at the camp.

H. **Departure of participants.** All participants shall depart after the awarding and closing ceremonies and will receive their Certificate of Appearance and Certificate of Participation. Clearance must be secured first from the Room Inspection/Clearance Committee before leaving the quarter.