



Republic of the Philippines
Department of Education
Negros Island Region
SCHOOLS DIVISION OFFICE- KABANKALAN CITY
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August 15, 2018

DIVISION MEMORANDUM

No. 1166 s. 2018

DIVISION SCILYMPICS 2018

1. The *Division Scilympics 2018* will be on **September 21 - 22, 2018** at Daan Banwa National High School and Daan Banwa Elementary School respectively, Brgy. Daaan Banwa, Kabankalan City. This year's theme is **"Science Multiplies Ideas so Life Everywhere Shines (SMILES)"**.

2. This event aims to:

- a. Enhance minds-on, hands-on, and hearts-on science learning among elementary and junior high school learners;
- b. Enhance the development of critical science thinking skills;
- c. Give opportunities for the learners to design something out of given materials and justify the created products afterwards;
- d. Promote Science & Technology culture and consciousness among science learners and
- e. Make science principles alive, meaningful and relevant to the learners. The *Scilympics 2018* is composed of the following events:
 - e.1. Science Investigatory Project (SIP) Fair
 - e.2. Mega Quiz (Individual & Team Category)
 - e.3. Create, Show and Tell
 - e.4. Scilympics Can

3. Enclosed are the Matrix of Activities with person in charge and *Scilympics 2018* Guidelines and Mechanics.

4. All Science teachers must participate in this activity. Attendance will be checked.

5. The deadline for the submission of Science Investigatory Project write up in IMRAD to the Division Scientific Review Committee will be on September 12, 2018 in three (3) copies. Each district shall have one (1) representative in the Division Scientific Review Committee.

The following is the color coding of the folder for the different categories

- a. Physical Science (individual) – blue
 - b. Physical Science (team) – yellow
 - c. Life Science (individual) – green
 - d. Life Science (team) – red
 - e. Robotics and Intelligent Machine (individual) – orange
 - f. Robotics and Intelligent Machine (team) - white
6. Participants to the Division Scilympics 2018 are District Science Coordinators, coaches, teachers and winners in the different contest categories in Elementary, Junior High School and Senior High School in both public and private schools of this division. Division contestants are the districts' First, and Second Placers in Mega Quiz (Individual) and First Place Winners in the Team Category, First Place winners in Create, Show and Tell and Scilympics Can while in Science Investigatory Project participants are the top winners in all categories. A Registration Fee of Php 100.00 contestant and coach will be collected to defray expenses on the conduct of *Scilympics 2018*, chargeable against local/PTA funds. District Science Coordinators are responsible for the collection of the registration. Deadline of the Registration fee will be a week before the scheduled date.
7. All school heads are hereby enjoined to give their full support and cooperation for the success of this event.
8. Widest dissemination and compliance of this Memorandum is desired.


MA. LORLINIE M. ORTILLO, CESO VI
Schools Division Superintendent

Inc: As Stated

To be indicated in the Perpetual Index under the following subjects:

Contest Programs

DIVISION SCILYMPICS 2018
Matrix of Activities

Time	Activity	In-charge	Name of Facilitator	Venue
Day 1 (Sept. 21, 2018) 7:30 – 8:30 A.M.	Registration	District 3	<i>Wilna Gasataya (Elem) Famie Rose Cuenca (Sec)</i>	Daan Banwa ES Covered Court
8:30 – 9:30 A.M.	Opening Program	District 3	<i>Jemir Victosa, Chelly Badayos, Ana Maria Baylon, Wilna Gasataya</i>	Daan Banwa ES Covered Court
9:30 – 12:00 NN 1:00 PM – 4:00 PM	Science Investigatory Project (SIP) Fair (both Elem., Junior High School and Senior High School Category)		<i>Chona Toroy, Bernadeth Dela Cruz, Gemmilyn Untal & Wilna Gasataya (for Elem), Leizel Tan, Ana Maria Baylon, & Jose Devin Celorico (for Junior High School), Concepcion Paglumotan, Rosel Gellecanao (for Senior High School)</i>	Daan Banwa ES for Elem and Daan Banwa NHS for Junior and Senior High
Day 2 (Sept. 22, 2018) 8:00 AM to 12:00 NN	MEGA Quiz	<i>Grade 4 – Gina Orciada, James Soriano & Laverna Luceño Grade 5 – Ana May Diopenes, Jeffrey Lestino & Marjolan Returan Grade 6 – Zenia Barcoma, Sofia Ruiz & Reyjean Gatucao Team Neresa Nombre, Regie Reyes, Arnaldo Rogon Grade 7 – Lilibeth Padilla, Marilou Garcia & Claville Brillas Grade 8 – Theresa Medel, Kent Gealon & Jacqueline Vicente Grade 9 – Mailene Teope, Faith Canlog & Junette Hiponia Grade 10 – Michael Bandols, Chona Toroy & Regie Banggoy Team Melvie Jane Gelle, Emmabelle Altubar, Mayla Colagnos</i>	<i>Chelly D. Badayos for Elementary</i> <i>Vicente Ynchausti for Junior High School</i>	Daan Banwa ES (for Elem) Daan Banwa NHS (for Junior High School)
	Create, Show and Tell	<i>Analie V. Almaiz</i>	<i>Joeverl Singson, Jay Delima, Ana Liza Gayoba & Nemuel Galimba for Elementary Greg Pedregosa, Evelyn Fairbanks, Wilna Gasataya & Carmeluz Villanueva for Secondary</i>	Daan Banwa Covered Court
	Scilympics Can	<i>Ana Liza Magbanua for Elementary Roland Tarrazona for Secondary</i>	<i>Anthony Dioso, Sheela Ellaga, Rowena Dominguez & Jonefer Gelogo Anryl Mediadero, Jennela Arroyo, Jemir Victosa & Herman Quintanilla</i>	Daan Banwa Covered Court
1:30 – 2:30 PM	Closing Program	District II	<i>Stella Marie Correjado and Leizel Tan</i>	Daan Banwa Covered Court

Working Committees:

Judges
Venue/Sound/Decoration
Registration
Tabulators/Criteria/Certificates
Program
Reception/Accommodation
Documentation
Food
Over All In-charge

*. Leizel Tan & KNHS Science Teachers
Famie Rose Cuenca & Daan Banwa NHS Science Teachers
Wilna Gasataya & Daan Banwa ES Teachers
Regie Reyes, Marjulan Returan & KIV Teachers
Gina Orciada, Stella May Correjado
Greg Pedregosa, Chona Toroy & K V Teachers
Jinno Grande & Jonil Mondia
Chelly Dollosa & Binicuil NHS Science Teachers
Science Teachers Ass'n. of the City of Kabankalan Officers*

Guidelines and Mechanics of the Division Scilympics 2018

The *Scilympics 2018* aims to enhance minds-on, hands-on, and hearts-on science learning among elementary, junior and senior high school learners from both public and private schools of this division. This science activity is composed of four (4) phases: Phase 1 – Science Investigatory Project (Fair); Phase 2 – Mega Quiz Phase 3 - Create Show and Tell and Phase 4 – Scilympics Can.

Mechanics of the Scilympics 2018

Phase 1 – Science Investigatory Project (SIP) Fair.

The SIP Fair is a division-wide research competition that aims to promote S & T culture and consciousness among science learners. Moreover, it intends to identify the most creative and the best Science student researchers who will represent the division in the Regional Science & Technology Fair 2018-2019. The softcopies of the International Rules for Pre-college Science Research: Guidelines for Science and Engineering Fair 2018 – 2019 and required forms are available at <http://www.societyforscience.org/isef/rulesandguidelines> for guidance.

The following are the category for the Science Investigatory Project:

1. Life Science both Individual and Team
2. Physical Science both Individual and Team

Elementary SIP participants may have a maximum of **four (4)** members in their team while the Junior and Senior High School a maximum of **three (3)**. Poster display of SIP projects will be done before the schedule of SIP contest. The adjudged top 2 best SIP in both individual and team category will advance to the Regional Finals.

The SIP will be judged according to the following criteria:

Scientific Thought & Engineering Goals	(30%)
Creative, resourcefulness & Inventiveness	(30%)
Thoroughness	(15%)
Research Skills	(15%)
Oral Presentation	(10%)

The best in Display Board will be judged according to the following criteria:

Adherence to format	40%
Correctness of Content	40%
Neatness	20%

Below is the list of the **forms** to be included in the manuscripts for SIP:

1. **RESEARCH PLAN**
2. **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 Instruction)
 - D. Approval Form (1B)
 - E. Regulated Research Institutional/Industrial Setting form (1C)
3. **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 (5A)
 - G. Potentially Hazardous Biological Agents Risk Assessment Form (6A)
 - H. Human and Vertebrate Animal Tissue Form (6B)
 - I. Continuation Project Form (7)
4. **ABSTRACT** (Maximum of 250 words)

The abstract should include the following:

 - A. Purpose of the experiment
 - B. Procedure
 - C. Data conclusion

The abstract may NOT include the following: Acknowledgement & Work of procedures done by the mentor
5. **RESEARCH PAPER** (Include the Title Page, Abstract, Main Body, and References)

6. PROJECT EVALUATION FORM

7. SCANNED COPY OF THE LOGBOOK

Phase 2 – Mega Quiz

Participants to the Mega Quiz are the top 2 winners for individual category and top 1 winner for the team category in the District Level Competition. This is open to bona fide elementary (Grade 4 – Grade 6) and Junior High School (Grade 7 – 10) learners. This is an *individual* and *Team Competition* which aims to enhance development of critical thinking skills. The coverage of the quiz is based on the DepEd Learning competencies from the 1st to 2nd Grading Period, **NAT Least Learned Skills plus Science Updates**. There will be three (3) categories to be observed in conducting this competition: Easy round (2 questions; 1 point per correct answer); Average Round (3 questions; 2 points per correct answer); and Difficult Round (5 questions; 3 points per correct answer). The Clincher Round will only be done in case there is a tie after the scores are summed up in the three categories. A **separate contest** will be conducted for every grade/year level for the *individual* and *another* for the *Team Competition* composed of four (4) members for Secondary and three (3) members for the elementary coming from each grade.

Phase 3 – Create, Show & Tell

The Create, Show & Tell contest is open to Grade 3 to Grade 6 and Grade 7 to 10 learners who are declared as district winners. This is a Team Competition composed of four (4) members coming from each grade level. 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 contest.

There will be three (3) activities to be performed by the participants and winners in this phase will be determined using the overall rank of the participants. The following rubrics will be considered in giving points to the created products:

Standard	Excellent(5)	Good(3)	Fair(1)
Suitability of the designed product	The created product is well-designed and suited to the objective/s of the activity	The created product is generally suited to the objective of the activity but needs improvement for better design	The created product does not answer the objective and needs a lot of improvement
Correctness of justification	The justification done is free from errors. The information given is precise and accurate.	The justification done is almost free from errors. The information given is appropriate but needs more elaboration.	There are several errors in the justification. The information given is unclear.

Phase 4 – Scilympics Can

The Scilympics Can is a garbage container design competition which will be participated by registered participants per district. A maximum number of three (3) members per district are allowed for this contest. Participants will bring painting materials enough to design the can provided by the committee. The theme will be "Science Multiplies Ideas so Life Everywhere Shines. Winners will be given certificates. Painted Scilympics Can will be donated to the host school.

CRITERIA FOR JUDGING

The criteria for judging of the created Scilympics Can will be as follows:

Creativity and Originality – 30% The state or quality of the work portrays meaningful, new and unique ideas aligned with the given theme

Quality of Art Piece- 30% Accuracy of the drawing, control of the medium, quality of the colors and balance between colors and design.

Clarity of the Theme- 20% How well the finished work represents the motif/ theme and whether the motif/theme is understood by onlookers.

Overall Impact -20% How strong the message or impression of the art work conveys to the observers.

SPECIFIC CONTEST GUIDELINES

1. Teams must have their own painting materials needed for the contest.
2. Teams will bring their own can (painted white) to be used in the garbage container design competition.
3. All work must be completed and submitted within the prescribed time given (2 hours).

4. All participating teams will make a design through freehand drawing that depicts the motif/theme of Scilympics 2018
5. Two (2) hours will be given to all teams to finish painting their Scilympics Can.
6. Measuring and drawing tools are not allowed to be used in painting the Scilympics Can.
7. Paints that contain hazardous materials are strictly prohibited.
8. Spray paints are not allowed to be used as painting materials.
9. Only enamel odorless paints are allowed to be used as painting materials.
10. Obscene and/ or indecent forms, caricatures, or figures are not allowed.
11. Coaching by any person other than the officially registered contestants is not allowed. This is a valid ground for disqualification.
12. Participants are expected to be in the contest venue one (1) hour before the contest for orientation, briefing, and inspection of personally-brought materials.
13. Pre-drawn objects are prohibited.
14. The *Scilympics Can* tagline must be a part of the design.
15. Members of the contesting teams must be in their working clothes and should provide themselves with hand towels, mask, goggles/protective eye wear and rags during the contest.


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