



RELEASED

DIVISION MEMORANDUM

No. 221 s. 2018

DepEd, Division of Catanduanes

RECORDS SECTION

Date SEP 04 2018

Time: 11:30 AM

2nd DIVISION SCIENCE OLYMPICS

To: **Public Schools District Supervisors
 Elementary School Heads
 Secondary School Heads**

1. This is to announce the conduct of the **2nd Division Science Olympics** on **November 8-9, 2018** at **Bato Rural Development High School** to start at **8:00 AM**.
2. The Division Science Olympics shall showcase scientific skills developed by pupils and students through presentation of science magic/tricks and display of science talent and content mastery during the competition. The first place winner/s in each category will represent the Division in the upcoming **Regional Science Olympics** on **November 21, 2018 (Elementary)** and **November 22, 2018 (Junior High School and Senior High School)** at a venue to be announced later.
3. The following are the allotted number of participants per category for each school/district.

Grade Level	Science Kid		Smart		Super Quiz Bee		Science Magic Show and Tricks		On-the-Spot STEM Challenge	
	No. of Entries	No. of Participants	No. of Entries	No. of Participants	No. of Entries	No. of Participants	No. of Entries	No. of Participants	No. of Entries	No. of Participants
Kinder – Grade 3 (Per district)	1	1								
Grade 4-6 (Per District)			1	3						
Junior High School (Per School)					1	3				
Senior High School (Per School offering STEM)									1	3

Note: Only one (1) coach is allowed per entry.

4. Contest Mechanics and working committees are found in Enclosures 1 and 2.
5. A district elimination will be done for Smart Kid and Super Quiz Bee on **October 31, 2018** at their respective districts. Contest material for the quiz bee will be provided by the Division office. Only the first place winners in the district will compete in the Division Level while **Virac Pilot ES-SSES** and **JMAMES SPED-GT** will automatically compete in the Division Level.

6. A planning conference of the working committees will be held on **September 29, 2018** at **CID Office** at **8 AM**. Since the activity falls on a Saturday, a one (1) day service credit will be granted to the teacher pursuant to the provisions of DepEd Order No. 19 s. 2011 and DepEd Order No. 53, s. 2003.
7. No registration fee shall be collected. Travel and other incidental expenses of the participants shall be charged against local funds subject to the usual accounting and auditing rules and regulations.
8. For immediate dissemination and compliance.


SOCORRO V. DELA ROSA, CESO VI
Schools Division Superintendent 

1:00 PM – 3:00 PM	Closing Program/Awarding	Mari Ann Manguerra Judy Marie Barro Mark Jay Abejo Jecelyn Cabrera Edna Marquez Maria Triumfante Rociel Vargas Josie Austero
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Working Committees

Program and Invitation	Chairman: John Dewey Chavez Co-Chairman: Glonida Marquez Members: Rowena Zuniega Juliet Padilla Rebecca Oliquino Sonia P. Bernal
Registration/Attendance	Chairman: Beth Bernal Co-Chairman: Ana Liza Sorreda Members: Marjorie Arcilla Lydia Baldomero Merly Ogalinola Janice Rojas
Certificates/Awards/Tokens	Chairman: Mari Ann Manguerra Co-Chairman: Judy Marie Barro Members: Mark Jay Abejo Jecelyn Cabrera Edna Marquez Maria Triumfante Rociel Vargas Josie Austero
Documentation	Chairman: Ma. Lorylyn Reyes Co-Chairman: Shianne Rubio Members: Blanquita Geronimo Mary Ann T. Tito Lea Vargas Elizabeth Tating Kathlene Mae Trinidad
Stage and Hall Preparation	Chairman: Garry Posada Co-Chairman: Emma Marin Members: Joshua Gordon Israel Gurrobat Jorge Victor Sales Helen Dizon Anotonette Carranza Marissa Sualibio Rowena Able

2nd Division Science Olympics
November 8-9, 2018
Bato Rural Development High School

Contest Schedule

Time	Activities	In-charge
DAY 1 November 8, 2018		
7:30 AM – 8:00 AM	Registration	Beth Bernal Ana Liza Sorreda Marjorie Arcilla Lydia Baldomero Merly Ogalinola Janice Rojas
8:00 AM – 8:30 AM	Opening Program	John Dewey Chavez Glonida Marquez Rowena Zuniega Juliet Padilla Rebecca Oliquino Sonia P. Bernal
9:00 AM -12:00 PM	SMART KID Competition (K to Grade 3)	Mari Ann Manguerra Ma. Lorylyn Reyes Mark Jay Abejo Jecelyn Cabrera Rociel Vargas Josie Austero Mary Ann T. Tito Rowena Zuniega
1:00 PM – 5:00 PM	Super Quiz BEE (Grade 4-6)	Garry Posada Blanquita Geronimo Kathlene Mae Trinidad Beth Bernal Marjorie Arcilla Lydia Baldomero Josie Austero John Dewey Chavez Juliet Padilla Joshua Gordon
	On-the-Spot STEM Challenge (Senior High School)	Glonida Marquez Rebecca Oliquino Sonia P. Bernal Ana Liza Sorreda Merly Ogalinola Janice Rojas
DAY 2 November 9, 2018		
8:00 AM-12:00 PM	Science Magic Show	Judy Marie Barro Edna Marquez Maria Triumfante Emma Marin Marissa Sualibio Rowena Able Shianne Rubio Lea Vargas Elizabeth Tating Kathlene Mae Trinidad

SCIENCE SMART KID (K-3) MECHANICS

1. Contestant should come from any public or private elementary school belonging to K-3 grade level.
2. Each kid contestant shall present a science talent for three to five (3-5) minutes and must be able to demonstrate exceptional brilliance/alertness/intelligence during the judge's interview and Q&A part.
3. Props are allowed but no props-men/back-ups will be permitted during the actual presentation.
4. The decision of the Board of Judges is final and irrevocable.

CRITERIA FOR JUDGING

Science talent	-	50%
Interview with Q&A	-	40%
Over-Impact	-	<u>10%</u>
TOTAL		100%

SUPER QUIZ BEE (GRADE 4-6) MECHANICS

1. All competing teams shall come from the public/private elementary schools (grades 4-6) of the Division of Catanduanes.
2. Each team is composed of 1 grade 4, 1 grade 5 and 1 grade 6.
3. This contest shall be conducted in a quiz show format.
4. There shall be ten (10) easy questions, five (5) average questions and five (5) difficult questions. All contestants shall answer all questions in the 3 rounds. Clincher questions shall be given in case of a tie.
5. Each correct answer in every round will be given corresponding points, to wit:

Easy	-	1 point
Average	-	2 points
Difficult	-	3 points

6. Each team will be provided with pieces of paper that will serve as answer sheets.
7. Each question must be answered within the time allocated for it. Ten (10) seconds for non-computational and thirty (30) seconds for computational.
8. The quizmaster shall read each question twice and the time shall start only after the quiz master says "GO".
9. The team must write their final answer on the pieces of paper provided. If a team wishes to change their answer, cross it out then write the final answer and encircle it.
10. Answers must be spelled correctly, proper nouns capitalized, correct number of significant figures called for in case of numerical answers and with correct unit of measure. Use of calculator, cellular phone or any computing devices is not allowed.
11. After the time allocation had elapsed, the proctors will be collecting the answer sheets and give it to the board of judges for validation, checking and acknowledgement whether the answer of each contestant is correct or not. The quiz master will announce the correct answer and the board of judges will announce the teams who got the correct answer.
12. The duly registered coach of each team is the only person authorized to file a protest. All protests shall be referred to the Board of Judges before the quizmaster reads the next question.
13. The decision of the board of judges is final and unappealable.
14. The decision of the board of judges is final and appealable.
15. The total score of each team shall be determined after the three rounds.
16. The team with the highest final score shall be declared the first-place winner. In case of a tie, a clincher round shall be conducted. It shall be a knockout system between and among the teams with equal scores until a winner emerges.
17. Any violation of any rules shall cause the disqualification of the team.

SCIENCE MAGIC SHOW (JHS) MECHANICS

1. All competing teams shall come from public/private junior high school (grade 7-10). They will be responsible for the needed materials to be used during the presentation.
2. Each team shall be composed of three(3) students who can come up with an eight to ten (7-8) minute magic/trick presentation covering any of the following subjects:

- General Science
- Biology
- Chemistry
- Physics
- Earth Science

Brief explanation of related concepts/science principles demonstrated and time for the entrance and exit is included in the 8 minute presentation.

3. A deduction of 2 points from the total score obtained by the team for every minute extension will be strictly be enforced.
4. The decision of the Board of Judges is final and irrevocable.

CRITERIA FOR JUDGING

Content of presentation (Relevance of magic/trick presentation to any concept in Science)	-	30%
Teamwork and Workmanship (Showmanship/Camaraderie demonstrated by the team. If possible, all the members must have a say about the magic Presentation)	-	25%
Creativity	-	20%
Clarity and Seamlessness of Presentation	-	25%
TOTAL	-	100%

ON-THE-SPOT STEM CHALLENGE (SHS) MECHANICS

1. All competing teams shall come from public/private Senior High School (Grade 11-12) of the Division of Catanduanes.
2. Each shall be composed of three (3) members from STEM classes of Grades 11 and 12. They should bring their own laptop and extension cord.
3. For one and half (1 ½) hours, the contestants will construct an improvised science device using the materials provided by the contest committee and come up with a brief presentation using the format provided below:
 - a. Name of device
 - b. Rationale
 - c. Materials and Methods
 - d. Descriptive Presentation (Use of the Device)

Prepared presentations shall be collected by the contest committee after the allotted time. Each team is given 5 to 7 minutes to present their output

4. They will be judged using the following criteria:

Construction	
Functionality	20%
Creativity	20%
Craftsmanship	20%
Use of Science Principle	20%
Presentation	
Clarity and Organization	10%
Teamwork	5%
Communication Skill	5%
TOTAL	100%