



Republic of the Philippines
Department of Education
Region V- Bicol



SCHOOLS DIVISION OFFICE OF LIGAO CITY

Office of the Schools Division Superintendent

September 1, 2026

DIVISION MEMORANDUM

No. 0430 s. 2026

90126473

**STEM SPARKS: IGNITING RESEARCH AND INNOVATION
IN THE CLASSROOMS**

To: Asst. Schools Division Superintendent
Chief Education Supervisors, CID and SGOD
Public Elementary and Secondary School Heads
All Concerned

1. Aligned with DepEd's mandate of supporting teachers on strengthening research, creativity, innovation and 21st century skills development in Science, Technology, Engineering and Mathematics (STEM) Education, SDO Ligao City will conduct a capacity enhancement activity dubbed as **STEM Sparks: Igniting Research and Innovation in the Classrooms** on September 4, 7 and 8 at Ligao City National Technical Vocational High School, Nasisi, Ligao City.
2. Specifically, the activity aims to:
 - a. upskill the teachers on Learning Models in STEM Education;
 - b. enhance the Science and Mathematics teachers' competencies on the processes and protocols of research based on the National Science and Technology Fair (NSTF) and International Science and Engineering (ISEF) standards; and
 - c. foster collaborative and reflective practices of the teachers.
3. The participants in this activity are the coaches and facilitators/TWG of the Division STEMazing, Science, Technology and Mathematics Fair and Robotics Olympics for SY 2026 – 2027.
4. Expenses for meals and training supplies/materials of the participants, training and program management team shall be charged against Special Education Fund (SEF) while transportation expenses will be charged against respective school/local funds subject to the usual accounting and auditing rules and regulations.
5. Enclosed in this Memorandum are the following:
 - a. Participants per Day/Event
 - b. Composition of Executive and Training Team
 - c. Activity Matrix
6. For information, guidance and compliance of all concerned.

NYMPHA D. GUEMO
Schools Division Superintendent



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PARTICIPANTS PER DAY/EVENT
STEM SPARKS: Igniting Research and Innovation in the Classrooms

DATE	PARTICIPANTS
September 4, 2026	Coaches of Elementary and Secondary STEMazing Coaches of TUKLAS Research Life Science, Physical Science, Robotics and Intelligent Machines and Mathematics and Computational Science Coaches of Science Innovation Expo Coaches of Robotics Olympics Training Team and DSTMF and RO Facilitators
September 7 AND 8, 2026	Coaches of TUKLAS Research Life Science, Physical Science, Robotics and Intelligent Machines and Mathematics and Computational Science Coaches of Science Innovation expo Coaches of Robotics Olympics Training Team and DSTMF and RO Facilitators



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Enclosure 1 of Division Memorandum No. **0430** s. 2026

COMPOSITION OF EXECUTIVE AND TRAINING TEAM

NYMPHA D. GUEMO
Schools Division Superintendent

MELCHIZEDEK C. TONGCO
Asst. Schools Division Superintendent

TITA V. AGIR
CID Chief

ERNIE M. BARANQUEL
SGOD Chief

JOJIM B. CORDOVA
EPS, Mathematics

JOCELYN P. NAVERA
EPS, Science

Training Team:

Chris John Rosamiran – Bicol Regional Science High School
Kristina Nieves – Bicol Regional Science High School
Brenly Mendoza – Ligao National High School
Saturnino Macasinag Jr. – Ligao National High School
Marjorie Plazo – Ligao City National Technical Vocational High School
Iris Paz – Deogracias P. Princesa Memorial High School
Agnes Rabelas – Catburawan Elementary School
Ester Maligaya – Tinago ES
Aurea Kristine Olavario – Oma-Oma Elementary School
Kenneth dela Fuente – Deogracias P. Princesa Memorial ES
Support staff/personnel from Ligao City National Technical Vocational High School

STEM SPARKS: IIGNITING RESEARCH AND INNOVATION IN THE CLASSROOMS

September 4, 7 and 8, 2026

Ligao City National Technical Vocational High School

Time	Sept. 4, 2026	Sept. 7, 2026	Sept. 8, 2026
8:00 – 9:00	Opening Program Overview: Jocelyn P. Navera	Preliminaries	Preliminaries
9:00 - 9:15	Health Brek	Health Break	Health Break
9:15 – 10:15	Learning through Inquiry: Enouraging Deep Exploration RP: Chris John Rosamiran	Workshop: Examining Inquiry via Research Projects Defense and Display Observation LF: Iris Paz and Ester Maligaya	Mapping Science and Mathematics Curriculum for Tools and Equipment Integration RP: Brenly Mendoza
10:15 – 12:00	Guiding the STEM Teachers on the Processes and Protocols of Research RP: Kristina Nieves	Workshop: Walking through the Research Processes and Protocols in Practice LF: Marjorie Plazo and Agnes Rabelas	continuation
12:00 – 1:00	Lunch Break	Lunch Break	Lunch Break
1:00 – 4:00	Fostering Collaboraton and Reflection Among STEM Teachers RP: Saturnino Macasinag Jr.	Workshop: Preparing a Reflection Journal LF: Saturnino Macasinag Jr.	Workshop Closing Program
Officer-of- the Day	Iris Paz and Aurea Kristine Olavario	Ester Maligaya and Agnes Rabelas	Iris Paz