



Republic of the Philippines  
**Department of Education**  
REGION IV-A CALABARZON  
SCHOOLS DIVISION OF BATANGAS

5 May 2026

**DIVISION MEMORANDUM**

No. 232, s. 2026

**STRENGTHENING SCIENCE INVESTIGATORY PROJECTS (SIP)  
EXPERTISE OF SHS SCIENCE AND RESEARCH TEACHERS**

To: Assistant Schools Division Superintendents  
Chief- Curriculum Implementation Division (CID)  
Chief- School Governance and Operations Division (SGOD)  
Education Program Supervisors  
Public Schools District Supervisors  
Public Secondary School Heads  
All Others Concerned

1. The Professional Development Needs Assessment (PDNA) recently conducted within the Division of Batangas highlighted a critical need to enhance the competency levels of teachers in facilitating Science Investigatory Projects (SIPs). The assessment revealed significant gaps in key areas such as experimental design, data analysis, and scientific writing. Addressing these needs is vital to align local teaching practices with the mandates of DepEd Order No. 39, s. 2016 and DepEd Order No. 21, s. 2019, which prioritize research-based learning and the effective integration of scientific inquiry within the STEM curriculum. In response to these findings, the Schools Division Office will conduct the NEAP-approved training titled **“Strengthening Science Investigatory Projects (SIP) Expertise of SHS Science and Research Teachers”** on May 27-29, 2026, at NEAP CALABARZON, Malvar, Batangas.

2. The program aims to equip participants to facilitate SIPs by guiding students through the entire research process—from formulating research questions to presenting findings—while specifically equipping them to guide students in designing experiments using the Science and Technology Fair Manual, demonstrating data collection and analysis techniques, implementing safety protocols and ethical standards, and integrating technology into SIPs while providing constructive feedback on student projects.

3. Participants are advised of the following logistical arrangements:

- The first meal to be served is breakfast on Day 1 (May 27).
- Participants must bring: samples of SIPs (soft/hard copy), laptop, extension cord, alternative internet source, toiletries, and personal medicines.



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- Board and lodging of all participants, including the PMT and TWG members, shall be charged to the HRTD Fund.
  - Traveling expenses shall be charged against the SDO or Local/School MOOE, subject to usual accounting and auditing rules and regulations.
4. In the event that Eid-al-Adha (either May 27 or 28) is declared a holiday, teacher participants shall be granted one (1) day service credit, while non-teaching and teaching-related personnel involved in the training shall be granted one (1) day compensatory time off (CTO).
5. Attached are the following for reference:
- Attachment 1: List of Participants
  - Attachment 2: Program Management Team and Technical Working Group
  - Attachment 3: Training Matrix
  - Attachment 4: List of TWG for Day 0
6. The Technical Working Group (TWG) members identified in Attachment 4 are required to be at the venue on Day 0 (May 26, 2026) on or before 2:00 PM for the final technical preparation and coordination of the training activities.
7. This Memorandum shall also serve as a Travel Order for all concerned.
8. For clarifications, please contact Emerson B. Dalangin, Division Science Coordinator, at 09151045028 or through messenger.
9. Immediate dissemination of and strict compliance with this Memorandum are directed.

  
**MARITES A. IBANEZ, CESO V**  
Schools Division Superintendent 

Enclosure. As Stated

Reference: DepEd Order No. 39, s. 2016 and DepEd Order No. 21, s. 2019

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

Issuances- Division Memorandum

*EBD/ STRENGTHENING SCIENCE INVESTIGATORY PROJECTS (SIP) EXPERTISE OF SHS SCIENCE AND RESEARCH TEACHERS/R2-151674/5/5/2026*



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**Attachment 1. List of Participants**

SN	Sub-office	School	Name	Position	Sex
1	Agoncillo	Agoncillo SHS	Engr. Radhcel M. Alvarez	Special Science Teacher I	Male
2	Alitagtag	Alitagtag SHS	Syrene Bermas	Special Science Teacher I	Female
3	Balayan East	Batangas Province Science High School	Geralyn Abasola-Alday	Teacher III	Female
4	Balayan West	Balayan SHS	Jay-C D. Tibayan	Teacher I	Male
5	Balete	Primitivo Kalaw SHS	Bryan A. Maceda	Teacher I	Male
6	Bauan West	Bauan NAVHS	Jhun Lerry M. Tayan	Teacher II	Male
7	Bauan West	Bauan Technical IHS	Lorena D. Aloya	Master Teacher I	Female
8	Calatagan	Calatagan SHS	Erika M. Layon	Teacher II	Female
9	Cuenca	Cuenca SHS	Nerrisa E. Manila	Master Teacher II	Female
10	Ibaan	Dr. Juan A. Pastor INHS	Edvic Ocampo	Teacher I	Male
11	Laurel	Placido T. Amo SHS	Marvin A. Atienza	Teacher II	Male
12	Lemery	Lemery SHS	Eugenio C. Magdales	Special Science Teacher I	Male
13	Lian	Lian SHS	Alexis A. Alumno	Teacher II	Male
14	Lobo	Lobo SHS	Pitronilo A. Matias Jr.	Teacher III	Male
15	Mabini	Anselmo A. Sandoval MNHS	Jonel F. Palubon	Teacher III	Male
16	Malvar	Malvar SHS	Raechelle Joyce C. Siudad	Teacher III	Female
17	Malvar	Santiago Malvar SHS	Michael John L. Miranda	LSB Teacher	Male
18	Mataasnaakahoy	Mataasnaakahoy SHS	Michael Bon L. Jaime	Teacher II	Male
19	Nasugbu East	Nasugbu East SHS	Eron C. Pangilinan	Teacher II	Male
20	Nasugbu East	Tala SHS	Andrea P. Jonson	Teacher III	Female
21	Nasugbu West	Pantalan SHS	Mariel H. Barcelon	Master Teacher II	Female
22	Padre Garcia	Pansol INHS	Lenisa P. Perez	Teacher II	Female
23	Rosario East	Alupay INHS	Mac Millan C. Tobeo	Head Teacher I	Male
24	Rosario East	Baybayin NHS	Fely M. Capanay	Master Teacher 4r I	Female
25	Rosario West	Itlugan INHS	Sarah Jane V. Ema	Teacher II	Female
26	Rosario West	Rosario INHS	Ernie G. Santoyo	Teacher III	Male
27	San Jose	Dr. Bonifacio A. Masilungan INHS	Alona B. Talag	Teacher II	Female
28	San Jose	Taysan SJNHS	Lilian M. Verano	Teacher II	Female
29	San Juan East	Calubcub I SHS	John Jerald B. Gabriel	Special Science Teacher I	Male
30	San Juan East	Laiya INHS	Catalina M. Punzalan	Teacher II	Female
31	San Juan East	San Juan SHS	Jezreel A. Dollente	Teacher II	Female
32	San Juan West	Buhaynasapa INHS	Ruvielyn B. Rosales	Master Teacher I	Female
33	San Juan West	Sico 1.0 INHS	Rose Ann R. Manalo	Teacher II	Female
34	San Luis	San Luis SHS	Vivian A. Novales	Teacher VI	Female
35	San Pascual	Alalum National High School	Jayverlie M. Panopio	Teacher III	Female



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36	San Pascual	San Pascual SHS1	Alvin S. Macalalad	Teacher III	Male
37	Santa Teresita	Sta. Teresita NHS	Ana Marie Semaña	Teacher II	Female
38	Taal	Taal SHS	Engr. Joselle Techie P. Anorico	Special Science Teacher I	Female
39	Talisay	Talisay SHS	Engr. Richie G. Balba	Special Science Teacher I	Male
40	Taysan	Bilogo INHS	Belinda G. Perez	Teacher III	Female
41	Tingloy	Tingloy SHS	Jameson Garcia	Teacher II	Male
42	Tuy	Tuy SHS	Abigail Aleth C. Bacit	Teacher II	Female



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**Attachment 2. Program Management Team and Technical Working Group**

Executive Committee

Chairperson	Marites A. Ibañez, CESO V Schools Division Superintendent
Co-Chairperson	Rhina O. Ilagan, CESE Asst. Schools Division Superintendent  Jofit P. Dayoc, CESE OIC-Asst. Schools Division Superintendent
Members	David M. Nuay PhD Chief Education Supervisor Curriculum Implementation Division  Mario B. Maramot PhD OIC - Chief Education Supervisor Schools Governance Operations Division



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**List of PMT, Facilitators and TWG**

No.	Name	Role	Position	School/Office	Sub-office
1	Emerson B. Dalangin	Program Proponent/ Resource Speaker	Division Science Coordinator	CID	SDO Batangas
2	Randie B. Atienza	Resource Speaker	Education Program Supervisor I	Policy, Planning, and Research Division	CALABARZON
3	Jocelyn M. Manset	Resource Speaker	Principal IV	Dr. Juan A. Pastor INHS	Ibaan
4	Jessa S. Guerra	Resource Speaker	Education Program Specialist II	SGOD-SMME	SDO Batangas
5	John Julius L. Palacpac	Learning Facilitator	Head Teacher I	Mataasnakahoy NHS	Mataasnakahoy
6	Ma.Rhoda E. Panganiban	Class Manager/ Program Facilitator	OIC-Principal I	Tuy Senior High School	Tuy
7	Russell L. Perez	ICT Lead Person/ Support Staff	School Principal II	Anacleto Villanueva Elementary School	Padre Garcia
8	Gigi M. Agito	QAME/ Support Staff	Asst. School Principal II	San Isidro Elementary School	Taysan
9	Rechiel G. Guerra	Secretariat/ Support Staff	Principal I	Tingloy National High School	Tingloy
10	Herman P. Aguado	Logistics/ Support Staff	Principal III	Malaking Pook National High School	San Pascual
11	Marissa A. Quinia	Documenter/ Support Staff	Asst. School Principal II	Pulangbato NHS	San Juan West
12	Mylene H. Limjoco	Process Observer	ASP II	Malahuratan ES	Lian
13	Maria Gracia Conti (May 27) Mary Grace Dalisay (May 28) Maria Katrina Dimaunahan (May 29)	Health Officer	Nurse II	SGOD	SDO Batangas
14	Marites Matro (May 27) May Belle Sangalang (May 28) Mary Ann Rillera (May 29)	Health Officer	Nurse II	SGOD	SDO Batangas



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3	Jocelyn M. Manset	Resource Speaker	Principal IV	Dr. Juan A. Pastor INHS	Ibaan
4	Jessa S. Guerra	Resource Speaker	Education Program Specialist II	SGOD-SMME	SDO Batangas
5	John Julius L. Palacpac	Learning Facilitator	Head Teacher I	Mataasnakahoy NHS	Mataasnakahoy
6	Ma.Rhoda E. Panganiban	Class Manager/ Program Facilitator	OIC-Principal I	Tuy Senior High School	Tuy
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Attachment 3. Training Matrix

**Day 1**

<b>Time</b>	<b>Activity</b>	<b>Facilitator</b>
8:00 - 8:30 AM	Opening Program	TWG
8:30 - 9:00 AM	Pretest	QAME Associate
9:00 - 10:00 AM	Session 1: Overview of the Science and Technology Fair Manual	Jocelyn M. Manset
10:00 - 10:30 AM	Break	
10:30 - 12:00 PM	Session 2: Identifying Research Questions	Jessa S. Guerra
12:00 - 1:00 PM	Lunch Break	
1:00 - 3:00 PM	Workshop 1: Brainstorming and Refining Research Questions	Jessa S. Guerra
3:00 - 3:30 PM	Break	
3:30 - 5:00 PM	Session 3: Designing Experiments	Randie B. Atienza

**Day 2**

<b>Time</b>	<b>Activity</b>	<b>Facilitator</b>
8:00 - 8:30 AM	MOL	Select Participants
8:30 - 10:30 AM	Session 4: Data Collection and Analysis	John Julius L. Palacpac
10:30 - 11:00 AM	Break	
11:00 - 12:00 PM	Workshop 2: Hands-On Data Collection	John Julius L. Palacpac
12:00 - 1:00 PM	Lunch Break	
1:00 - 2:30 PM	Session 5: Scientific Writing and Presentation	Randie B. Atienza
2:30 - 3:00 PM	Break	
3:00 - 5:00 PM	Workshop 3: Drafting Research Proposals	Randie B. Atienza

**Day 3**

<b>Time</b>	<b>Activity</b>	<b>Facilitator</b>
8:00 - 8:30 AM	MOL	Select Participants
8:30 - 10:00 AM	Session 6: Safety Protocols in Experiments and Ethical Considerations	Emerson B. Dalangin
10:00 - 10:30 AM	Break	
10:30 - 12:00 PM	Session 7: Assessing Student Projects	Emerson B. Dalangin
12:00 - 1:00 PM	Lunch Break	
1:00 - 2:30 PM	Session 8: Integrating Technology in SIPs	Jessa S. Guerra
2:30 - 3:00 PM	Break	
3:00 - 4:00	Post Test and Program Evaluation	
4:00 - 5:00 PM	Closing Program	



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Attachment 4. List of TWG for Day 0

No.	Name	Role	Position	School/Office	Sub-office
1	Emerson B. Dalangin	Program Proponent/Resource Speaker	Division Science Coordinator	CID	SDO Batangas
2	Randie B. Atienza	Resource Speaker	Education Program Supervisor I	PPRD	CALABARZON
3	Jocelyn M. Manset	Resource Speaker	Principal IV	Dr. Juan A. Pastor INHS	Ibaan
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