DEPARTMENT OF EDUCATION
RECORDS SECTION, SDO MARINDUQUE
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Republic of the Philippines
Department of Education
SCHOOLS DIVISION OF MARINDUQUE

Office of the Schools Division Superintendent

November 24, 2026

DIVISION MEMORANDUM
No. 109, s. 2026

DIVISION COLLOQUIUM ON INSTRUMENTATION AND IMPROVISATION IN SCIENCE TEACHING AND LEARNING

To: Assistant Schools Division Superintendent
Chief Education Supervisors
Public Schools District Supervisors
Public Secondary School Heads
All Others Concerned

1. The Department of Education remains committed to enhancing the professional competence of teachers and school leaders through capacity-building initiatives that foster innovative, learner-centered, and evidence-based practices in education. As a follow-through activity to the **Division Training on Instrumentation and Improvisation in Science Teaching and Learning**, participants were required to develop and implement **Workplace Application Plans (WAPs)** to translate the knowledge, skills, and strategies acquired from the training into meaningful classroom and school-based practices.

2. These initiatives enabled participants to develop contextualized learning experiences, maximize available resources, and enhance the delivery of science instruction in their respective schools. The implemented WAPs focused on the application of key concepts and approaches presented during the training, including the:

a. Technological Pedagogical Content Knowledge (TPACK) Framework and Instructional Models in Science Teaching;
b. Improvisation and the Development of an Improvisation Mindset;
c. Design Thinking for Science Education;
d. Instrumentation and Improvisation for Inquiry-Based Learning;
e. Student-Led Improvisation for STEM Skills Development;
f. Science Instrumentation and Improvisation;
g. Use of Instruments and Improvised Materials in Learner Assessment; and
h. Development of Science Lessons Integrating Instruments and Improvised Materials.

3. To provide a platform for professional sharing, reflection, and evaluation of these workplace applications, the Schools Division Office of Marinduque, through the Curriculum Implementation Division (CID), shall conduct the **Division**

Address: T. Roque St., Malusak, Boac, Marinduque
Tel. No.: (042) 754-0247 • **Fax No.:** (042) 332-1611
Email: marinduque@deped.gov.ph
Website: https://depedmarinduque.com

Colloquium on the Implementation of Workplace Application Plans (WAPs) in Instrumentation and Improvisation in Science Teaching and Learning on **January 28-30, 2027**, at the **Schools Division Conference Hall**. The colloquium shall serve as a venue for participants to present the processes, outputs, innovations, challenges, and accomplishments arising from the implementation of their respective WAPs, as well as evidence of their impact on instructional practices, learner engagement, and learning outcomes. Furthermore, the activity aims to document best practices, facilitate professional discourse, and generate recommendations for sustaining and scaling up effective science education innovations across the division

4. The participants in this activity are the teachers who attended the Division Training on Instrumentation and Improvisation in Science Teaching and Learning and subsequently implemented their approved Workplace Application Plans. Selected School Heads shall serve as members of the **Panel of Evaluators**. The list of participants and members of the Panel of Evaluators is provided in Enclosure No. 1 of this Memorandum.

5. Teacher-observers listed in Enclosure No. 1 shall be allowed to participate in the colloquium to observe the presentation of Workplace Application Plans (WAPs), learn from the experiences and best practices of the presenters, and gain insights on effective strategies in instrumentation and improvisation in science teaching and learning. These observations shall serve as opportunities for professional learning and benchmarking, with the end goal of adapting relevant and innovative practices in their respective schools and science classrooms.

6. All participants including the teacher-observers are required to attend the entire duration of the Division Colloquium to benchmark best practices from other schools and adopt applicable innovations in their own science classes. Participants shall prepare a plan to ensure that learning delivery will not be disrupted during their attendance and secure the approval of their respective School Heads. The approved plan shall be submitted to the Education Program Supervisor in Science prior to the scheduled colloquium. Participants who attend the activity on a Saturday shall be entitled to one (1) day compensatory time-off (CTO) or service credit, subject to existing rules and regulations.

7. Each participant shall prepare a presentation highlighting the implementation of his or her Workplace Application Plan (WAP) using the following format:

a. Title of Workplace Application Plan
b. Application Objectives
c. Activities Implemented
d. Accomplishments and Outputs Generated
e. Means of Verification (MOVs)
f. Strategies Used in Implementation
g. Impact on Teachers and/or Learners
h. Challenges Encountered
i. Lessons Learned
j. Recommendations and Sustainability Plan

8. Supporting documents, photographs, instructional materials, sample learning resources, monitoring reports, learner outputs, assessment results, and other relevant Means of Verification (MOVs) may be presented as evidence of implementation.

9. Presentations shall be assessed based on the following criteria:

Criteria	**Percentage**
Relevance and Alignment to the WAP Objectives	20%
Quality of Implementation	25%
Evidence of Outputs and Accomplishments	20%
Impact on Teaching and Learning	25%
Presentation and Documentation	10%
Total	**100%**

10. Based on the established evaluation criteria, the Panel of Evaluators shall select recipients of the following recognition awards:

- Outstanding WAP Implementation
- Most Impactful Classroom Innovation
- Best Evidence-Based Practice
- Best Documentation and MOV Portfolio
- Most Sustainable School-Based Initiative

11. Participants shall submit a soft copy of their **completed Workplace Application Plan (WAP), together with the corresponding Means of Verification (MOVs),** to the Curriculum Implementation Division through the Science Education Program (ma.saet@deped.gov.ph) on or before **January 15, 2027**.

12. Immediate dissemination of the contents of this Memorandum is desired.

RONNIE S. MALLARI, PhD, CESO III
Regional Director
Concurrent, Officer-in-Charge
Office of the Schools Division Superintendent

Encl: As stated
Reference: Division Memorandum No. 129, s. 2026

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

CURRICULUM
SCIENCE EDUCATION
TEACHERS
TRAINING PROGRAMS

Enclosure No. 1 to Division Memorandum No. 109 s. 2026
LIST OF PARTICIPANTS AND PROGRAM MANAGEMENT TEAM

#	NAME	SCHOOL
LIST OF PRESENTERS		
1	Perry Angelo C. Manlapaz	Landy NHS
2	Armie M. Laylay	Bognuyan NHS
3	Aireen S. Malapote	Bognuyan NHS
4	Richard N. Ortiz	Bognuyan NHS
5	Mary Jean L. Arazas	Bognuyan NHS
6	Rose Ann S. Fermo	Bognuyan NHS
7	Maria Veneracion Z. Vasquez	Bognuyan NHS
8	Kristel Joy S. Diwata	Tapuyan NHS
9	Jessa L. Lecaros	Makapuyat NHS
10	Cyntia L. Jocson	Makapuyat NHS
11	Bede Jaybert Mascareñas	Makapuyat NHS
12	Michael R. Laderas	Makapuyat NHS
13	Nira J. Logmao	Makapuyat NHS
14	Rachelle P. Paras	Makapuyat NHS
15	Rustom M. Loto	Makapuyat NHS
16	Richelle J. Perlas	Romeo M. Mataac NHS
LIST OF OBSERVERS		
17	Belford P. Jalac	Argao NHS
18	Pearly Joy Zoleta Navisa	Kasily ES
19	Lea Agnes P. Retardo	Landy NHS
20	Jemima Ricohermoso Pedrialva	Maranlig NHS
21	Erma L. Labaguis	Matalaba NHS
22	Crystal Gail M. Liwanagan	Matuyatuya NHS
23	Jehan Quirona Peregrin	Polo NHS
24	Muriel M. Jinang	Tapuyan NHS
25	Jane Lyn Labaguiz Lucero	Yook NHS
26	May Ann Rose N. Rodas	Tigwi NHS
27	Kristelle Ann Marie P. Garcia	Punong NHS
28	Jenny L. Poticar	Poctoy NHS
29	Mary Angeline O. Mapacpac	Mogpog NCHS
30	Rufina Laderas Nepomuceno	Marinduque NHS
31	Dolly Jean Malamig Labatete	Buenavista NHS
Members of the Panel of Evaluators		
32	Dr. Ma. Shiela S. Saet	CID
33	Dr. Dave Henry R. Nobleza	Makapuyat NHS
34	Mr. Jerome C. Catamio	Bagtingon NHS
35	Dr. Jimmy R. Romasanta	CID
36	Mrs. Madilyn Quirona	Ipil NHS
37	Mrs. Mae Laarni M. Saporna	Yook NHS

PROGRAM MANAGEMENT TEAM		
38	Dr. Ronnie S. Mallari, CESO III	OSDS
39	Dr. Mabel F. Musa, CESO VI	OSDS
40	John C. Chavez	CID
41	Kyle David V. Atienza	SGOD
42	Maricel O. Solas	Marinduque NHS
43	Charmain J. Mogol	CID
44	Engr. David Zoleta	OSDS
45	Audie Nacawili	OSDS

Enclosure No. 2 to Division Memorandum No. 109 s. 2026
ACTIVITY MATRIX

DAY 1	
Time	**Activity**
8:00 AM – 9:00 AM	Opening Program
9:01 AM – 9:15 AM	Health Break
9:16 AM – 9:30 AM	Presentation Mechanics and Guidelines
9:31 AM – 10:15 AM	Presentation of WAP Implementation 1 and Open Forum/Q&A
10:16 AM – 11:00 AM	Presentation of WAP Implementation 2 and Open Forum/Q&A
11:01 AM – 11:45 AM	Presentation of WAP Implementation 3 and Open Forum/Q&A
11:46 AM – 12:45 PM	Lunch Break
12:46 PM – 1:30 PM	Presentation of WAP Implementation 4 and Open Forum/Q&A
1:31 PM – 2:15 PM	Presentation of WAP Implementation 5 and Open Forum/Q&A
2:16 PM – 2:30 PM	Health Break
2:31 PM – 3:15 PM	Presentation of WAP Implementation 6 and Open Forum/Q&A
3:16 PM – 4:00 PM	Presentation of WAP Implementation 7 and Open Forum/Q&A
4:01 PM – 4:15 PM	End-of-Day Evaluation
4:16 PM – 4:30 PM	Debriefing and Synthesis
DAY 2	
Time	**Activity**
8:00 AM – 8:30 AM	Management of Learning (MOL)
8:31 AM – 9:15 AM	Presentation of WAP Implementation 8 and Open Forum/Q&A
9:16 AM – 9:30 AM	Health Break
9:31 AM – 10:15 AM	Presentation of WAP Implementation 9 and Open Forum/Q&A
10:16 AM – 11:00 AM	Presentation of WAP Implementation 10 and Open Forum/Q&A
11:01 AM - 11:45 AM	Presentation of WAP Implementation 11 and Open Forum/Q&A
11:46 AM – 12:45 PM	Lunch Break
12:46 PM – 1:30 PM	Presentation of WAP Implementation 12 and Open Forum/Q&A
1:31 PM – 2:15 PM	Health Break
2:16 PM – 3:00 PM	Presentation of WAP Implementation 13 and Open Forum/Q&A

DepED DEPARTMENT OF EDUCATION
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3:01 PM – 3:45 PM	Presentation of WAP Implementation 14 and Open Forum/Q&A
3:46 PM – 4:00 PM	End-of-Day Evaluation
4:01 PM – 4:15 PM	Debriefing and Synthesis
DAY 3	
Time	**Activity**
8:30 AM – 9:00 AM	Management of Learning (MOL)
9:01 AM – 9:45 AM	Presentation of WAP Implementation 15 and Open Forum/Q&A
9:46 AM – 10:00 AM	Health Break
10:01 AM – 10:45 AM	Presentation of WAP Implementation 16 and Open Forum/Q&A
10:46 AM – 12:00 NN	Closing Program and Awarding of Certificates
12:01 PM – 1:00 PM	Lunch Break

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