

Republic of the Philippines  
**Department of Education**  
SCHOOLS DIVISION OF MARINDUQUE

Office of the Schools Division Superintendent

November 11, 2025

**DIVISION MEMORANDUM**

No. 129 s. 2025

**DIVISION TRAINING ON INSTRUMENTATION AND IMPROVISATION IN  
SCIENCE TEACHING AND LEARNING FOR BATCHES 2 & 3**

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

1. In pursuit of enhancing the quality of Science Education and strengthening teachers' pedagogical and content knowledge, the Schools Division of Marinduque through the Curriculum Implementation Division, shall conduct a Division Training on Instrumentation and Improvisation in Science Teaching and Learning for Batches 2 and 3. The activity is a Professional Development Program certified under Quality Assurance Certification No. PD-IVB-2025-0903-0004 and part of **Project SCIENCE** (Strategic Comprehensive Initiatives for Enhancing, Nurturing Competency and Excellence in Science Education) to be conducted on December 8-10, 2025 for Batch 2 and December 11-13, 2025 for Batch 3 at Hotel Marinduque, Boac, Marinduque.
2. The training aims to capacitate Science teachers on the development, utilization, and management of improvised and locally available instructional materials for effective Science teaching and learning. Specifically, it seeks to:
  - a. strengthen teachers' understanding of scientific instrumentation principles and their application in the classroom;
  - b. enhance teachers' creativity and resourcefulness in developing improvised apparatus and learning materials using indigenous or recycled resources;
  - c. rationalize the importance of instrumentation and improvisation in developing mastery of essential learning competencies in Science; and
  - d. design improvised teaching and learning materials/resources using a design thinking process for the actual classroom teaching and learning.



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>

3. Participants to this training are the Junior and Senior High School Science Teachers listed in the attached enclosure. They are also requested to scan the QR code provided to join the official Facebook group chat for easier access to updates and important information.

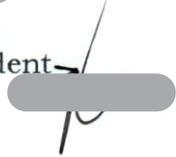


For Batch 2



For Batch 3

4. Further, participants are requested to bring with them their laptops, portable WI-Fi, extension wire, and any available local materials for use in the workshops and other activities.
5. Accommodation and food expenses shall be borne by SDO Marinduque.
6. Participants and members of the Program Management Team are entitled to one-day service credit/CTO for the attendance that fall on Saturday.
7. Training Matrix, List of Participants, Resource Speakers and PMT, and Catch-Up Plan format are provided as enclosures for reference.
8. Immediate dissemination of the contents of this Memorandum is desired.

  
**LYNN G. MENDOZA, EdD**  
OIC, Schools Division Superintendent 

Encls: As stated  
Reference: None  
To be indicated in the Division Perpetual Index  
under the following subjects:

LEARNERS LEARNING AREA, SCIENCE TEACHERS TRAINING PROGRAMS

CID/SCI/MSSS

**TRAINING MATRIX**

TIME	ACTIVITY
7:00-8:00 AM	Arrival, Breakfast and Registration of Participants
8:01-9:30AM	Opening Program Leveling of Expectations Pre-Test
9:31-9:45 AM	AM BREAK
9:46-10:45 AM	<b>SESSION 1</b> The TPACK Framework and the Instructional Model in Teaching Science  <b>Mr. Jerome C. Catamio</b> Principal II
10:46-12:15 AM	<b>SESSION 2</b> Improvisation and Developing Improvisation Mindset  <b>Dr. Dave Henry R. Nobleza</b> Teacher-In-Charge
12:16-1:15 PM	LUNCH BREAK
1:16-2:45 PM	<b>SESSION 3</b> Improvisation and Design Thinking for Science  <b>Mrs. Madilyn Quirona</b> Principal II
2:46-4:15 PM	<b>SESSION 4</b> Using Instrumentation and Improvisation for Inquiry-based Lesson  <b>Mrs. Mary Rose Sotto</b> Head Teacher I
4:15-4:30 PM	End of the Day Evaluation
4:31-5:00 PM	Debriefing
5:01-7:00 PM	Dinner
<b>DAY 2</b>	
7:00-8:00 AM	Breakfast and Signing of Attendance
8:01-8:30 AM	Management of Learning
8:31-10:00 AM	<b>SESSION 5</b> Developing STEM Skills through Student-lead Improvisation in Science  <b>Mrs. Virginia L. Monleon</b> Master Teacher I
10:01-10:15 AM	AM Break
10:11-11:45 AM	<b>SESSION 6</b> Instrumentation and Improvisation in Science  <b>Mr. Melvin Marmol</b> Master Teacher I
11:46-12:45 PM	LUNCH BREAK

12:46-2:15 PM	<b>SESSION 7</b> The Use of Instruments and Improvised Materials in Assessing Learners  <b>Mr. Melvin Marmol</b> Master Teacher I
2:16-2:30 PM	PM BREAK
2:31-4:00 PM	<b>SESSION 8</b> Preparing Lessons Using Instruments and/or Improvised Materials  <b>Mrs. Mae Laarni M. Saporna</b> Principal II
4:15-4:30 PM	End of the Day Evaluation
4:31-5:00 PM	Debriefing
5:01-7:00 PM	Dinner
<b>DAY 3</b>	
7:00-8:00 AM	Breakfast and Signing of Participants
8:01-8:30 AM	Management of Learning
8:31-10:00 AM	<b>SESSION 8</b> Preparing Lessons Using Instruments and/or Improvised Materials -Continuation  <b>Mrs. Mae Laarni M. Saporna</b> Principal II
10:01-10:15 AM	<b>AM BREAK</b>
10:16-12:00 AM	<b>SESSION 9</b> <b>Development of Workplace Application Plan</b>  <b>Mrs. Mae Laarni M. Saporna</b> Principal II
12:01-1:00 PM	LUNCH BREAK
1:01-2:30 PM	<b>SESSION 10</b> Demonstration Teaching Presentation and Critique of the developed improvised learning materials/WAP  <b>Facilitators</b>
2:31-4:00 PM	End of Activity Evaluation Post-Test Closing Program

**LIST OF PARTICIPANTS TO THE  
DIVISION TRAINING ON INSTRUMENTATION AND IMPROVISATION IN  
SCIENCE TEACHING AND LEARNING FOR BARCH 2 & 3**

NAME OF SCHOOL	NAME OF PARTICIPANTS			
	#	BATCH 2	#	BATCH 3
Argao NHS	1	Belford Piedragoza Jalac	1	Princess Joy M. Lusterio
Argao NHS			2	Rosenie Ramos Olveda
Balanacan NHS	2	Betzaida Magante Garcia	3	Imelda M. Ligeralde
			4	Ma. Alma Muhi Lawig
Bangbang NHS	3	Rushelle Dimaayo Pagolong	5	Aloma Mandita Madurog
Bangbang NHS	4	Gueller Dee V. Salazar	6	Daiserie Logatoc Furto
Bangbang NHS	5	Dinah Mascarenas Sumagui	7	Nimfa Advincula Serdeña
Bangbang NHS	6	John Michael M. Malapajo	8	Jodelyn Vitto Adonis
Bognuyan NHS	7	Richard Nambio Ortiz	9	Aireen S. Malapote
Bognuyan NHS	8	Armie Masangkay	10	Rose Ann Sarile Fermo
Bognuyan NHS	9	Mary Jean Laraquel-Arazas	11	Maria Veneracion Zoleta Vasquez
Bonliw NHS	10	Leticia Q. Alcazar		
Botilao NHS	11	Annie Rose Logatoc Mascareñas		
Buenavista NHS	12	Giesselle Ramos Zoleta	12	Jimbert S. Cedeño
Buenavista NHS	13	Mary Angelie Teope Pacultad	13	Dolly Jean Malamig Labatete
Buenavista NHS	14	Berlyn Opiz Paglinawan	14	Myrna Espirito Candelaria
Buenavista NHS	15	Chito Jose J. Antepuesto Jr.	15	Mark Vincent Valencia
Buenavista NHS	16	Chinezza Jireh Santiago Vitto		
Buenavista NHS - Bagacay Annex	17	Renalyn V. Cristobal	16	Crisandra Maglacas Mercado
Buenavista NHS - Daykitin Annex	18	Rodelio Lineses Aurin		
Buenavista NHS - Lipata-Tungib Annex	19	Emily Maac Fatalla		
Butansapa NHS	20	Ma. Therese Devaras	17	Cynthia Mandia Layag
Butansapa NHS	21	Adoracion Nambio Mallorca		
Cawit NHS	22	Leona Malangis Morales	18	Katrina Grace Aquino Limbo
Dolores NHS	23	Melinda Robles Baltazar	19	Lorelyn R. Peñaredonda
Hupi NHS	24	Lailani Manuba Limbo	20	Ryan Christian L. Villas
Ilaya NHS	25	Bernadette J. Lope	21	Alma M. Magpantay
Ipil NHS	26	Nancy O. Logmao		

Kasily NHS	27	Pearly Joy Zoleta Navisa		
Kilo-Kilo NHS	28	Jennelyn Perilla Romasanta	22	Donnabel B. Medina
Landy NHS	29	Lea Joy Jawili Capcap	23	Evangeline R. Sena
Landy NHS	30	Mailyne Marciano Go	24	Perry Angelo C. Manlapaz
Landy NHS	31	Lea Agnes Porley Retardo	25	Paolo Andrew Macapia Pantoja
Landy NHS	32	Lea Labaguis Malapad		
Makapuyat NHS	33	Nira J. Logmao	26	Rachelle Bautista Pernia
Makapuyat NHS	34	Richelle J. Perlas	27	Michael Rodolfo Laderas
Makapuyat NHS	35	Rustom M Loto	28	Bede Jaybert Cruzado Mascareñas
Makapuyat NHS	36	Jessa L. Lecaros		
Malibago NHS	37	Armena O. Julo	29	Roselli P. Jalos
Malibago NHS			30	Mary Rose Medenilla Abling
Maniwaya NHS	38	Loraine Oblipias	31	Joven Maqueda Maac
Maranlig NHS	39	Jemima Ricohermoso Pedrialva	32	Donna Ara Naling Fernandez
Maranlig NHS			33	Rowena Mejico Regalado
Marinduque NHS	40	Jefferson O. Mameng	34	Elaine M. Mabansag
Marinduque NHS	41	Maricel O. Solas	35	Jay Anne M. Flores
Marinduque NHS	42	Marielag Ruthela A. Lubrin	36	Christine J. Naling
Marinduque NHS	43	Fristian Anthony Luzanta Dormido	37	Jing-Jing Lamarca Mendoza
Marinduque NHS	44	Rizalina Ramos Medina	38	Rosalie Ramos Jandusay
Marinduque NHS	45	Rufina Laderas Nepomuceno	39	Irene Maano Laugo
Marinduque NHS	46	Allen Lineses Togonon	40	Glorilyn Malapad Fadullo
Marinduque NHS	47	Marlyn Nabing Nilo	41	Rosabella Nabing Nilo
Marinduque NHS	48	Danna May Sanchez Mabute	42	Marilou L. Francisco
Matalaba NHS			43	Jessica Perilla Romasanta-Palermo
Matalaba NHS			44	Erma L. Labaguis
Matuyatuya NHS	49	Crystal Gail M. Liwanagan	45	John Ralph L. Monreal
Matuyatuya NHS	50	Jennie Mae B. Fadullo	46	Judilyn P. Regencia
Matuyatuya NHS	51	Arlene R. Bullanday		
Mogpog NCHS	52	Laarni L. Malapad	47	Mary Angeline Olavidez Mapacpac
Mogpog NCHS			48	Roziel Villafuerte Montalban
Paciano A. Sena Memorial High School	53	Richelle S. Perico		
Poctoy NHS			49	Jenny L. Poticar
Polo NHS	54	Jehan Quirona Peregrin	50	Rogelyn R. Villaruel

Punong NHS			51	Kristelle Ann Marie P. Garcia
Puting Buhangin NHS			52	Agnes Muhi Ilagan
Sayao NHS			53	Irene Macunat Monteclaro
Sibuyao NHS	55	Royzon De Leon Olivar	54	Ma. Monelle Rivas Miranda
Tagum NHS			55	Jessica R. Samson
Tapuyan NHS	56	Mark Anthony Sore Nite	56	Muriel M. Jinang
Tiguion NHS	57	Elizabeth Santiago Morales	57	Lynie Lumalang Manjares
Tigwi NHS	58	May Ann Rose N. Rodas	58	Mark Angelo C. Ornos
Tigwi NHS			59	Maria Angelic Fellizar Garcia
Yook NHS	59	Jane Lyn Labaguiz Lucero	60	Khevin L. Medina
Yook NHS	60	Ginalyn Maac Mazon	61	Ma. Kariza S. Quijano
Torrijos SHS	61	Kristel Joy S. Diwata		

76



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>

**LIST OF RESOURCE SEPAKERS AND PMT TO THE  
DIVISION TRAINING ON INSTRUMENTATION AND IMPROVISATION IN  
SCIENCE TEACHING AND LEARNING FOR BARCH 2 & 3**

Name	Station	Role/Function
John M. Chavez	CID	Program Manager
Dr. Ma. Shiela S. Saet	CID	Program Manager- Science/Resource Person
Mae Laarni M. Saporna	Yook NHS	Asst Program Manager in Science/Resource Person
Kyle David V. Atienza	SGOD	Learning Manager
Jerome S. Catamio	Tigwi NHS	Resource Speaker
Dr. Henry R. Nobleza	Ipil NHS	Resource Speaker
Madilyn Quirona	Punong NHS	Resource Speaker
Mary Rose Sotto	Paciano A. Sena MS	Resource Speaker
Melvin A. Marmol	Marinduque NHS	Resource Speaker
Virginia L. Monleon	Marinduque NHS	Resource Speaker
Dr. Fretzie P. Alcantara	SGOD	M & E Coordinator
Charmain J. Mogol	CID	Secretariat
Edlhen M. Jalac	Marinduque NHS	Documenter
Kym Luzette S. Maming	SGOD	Welfare Officer
Ruby M. Tan	OSDS	Logistic Officer

Enclosure No. 4 to Division Memorandum No. **129** s. 2025

**Catch-up Plan**

(Subject and Grade Level)

Identified Learning Competency	Action to be taken	Person-In-Charge	Target Date of Completion