



Republic of the Philippines
Department of Education
SCHOOLS DIVISION OF MARINDUQUE

Office of the Schools Division Superintendent

November 3, 2025

DIVISION MEMORANDUM

No. 123 s. 2025

**STRENGTHENING ASSESSMENT DESIGN FOR MATHEMATICS: A DIVISION
WORKSHOP TO BOOST STUDENT LEARNING OUTCOMES**

TO: Assistant Schools Division Superintendent
Chief Education Supervisors
Education Program Supervisors
Public Schools District Supervisors
Public Secondary and Integrated School Heads
All Others Concerned

1. This Office through the Curriculum Implementation Division (CID), shall conduct a three-day division workshop titled **“Strengthening Assessment Design for Mathematics: A Division Workshop to Boost Student Learning Outcomes”** on November 26-28, 2025 at Balar Events Place, Balaring, Boac, Marinduque.
2. This activity aims to:
 - a. enhance their understanding of the PISA assessment framework, particularly in relation to mathematical literacy, problem-solving, and real-world application of concepts;
 - b. equip secondary school mathematics teachers with the skills to develop PISA-like assessment items aligned with international benchmarks and reflective of higher-order thinking skills; and
 - c. promote a culture of assessment-driven instruction by integrating PISA-like tasks into regular classroom practices, thereby improving learners’ preparedness for international assessments.
3. Participants in this activity are 54 untrained Junior High School Mathematics teachers from previous Clustered Division Training-Workshop on Test Construction last March 5-7, 2025. Please refer to enclosures for the Allocation of Participants per school, Resource Persons, Members of the Program Management Team, and Training Matrix.
4. Food, accommodation and training supplies shall be borne by SDO Marinduque through Sub-ARO for administrative support funds for activities related to Improving Learning Outcomes.



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>

5. All participants, including the Resource Persons and PMT are requested to pre-register at <https://bit.ly/PISAParticipants2025>. Further, they are requested to bring with them their laptops, extension cords, and portable Wi-Fi.
6. Since the training falls on weekdays, all concerned teachers are requested to have an action plan to ensure that the target competencies for days affected are covered.
7. For immediate and wide dissemination.


LYNN G. MENDOZA, EdD
OIC, Schools Division Superintendent

Encl: As stated
Reference: None

To be indicated in the Perpetual Index
under the following subjects

LEARNING AREA, MATHEMATICS
SECONDARY EDUCATION
TRAINING PROGRAMS

Allocation of Participants

School	No. of Participant/s	School	No. of Participant/s
Alobo NHS	1	Masaguisi NHS	1
Argao NHS	1	Malibago NHS	1
Bagtingon NHS	1	Maniwaya NHS	1
Balanacan NHS	1	Maranlig NHS	1
Bangbang NHS	2	Marinduque NHS	2
Bognuyan NHS	2	Matalaba NHS	1
Bonliw NHS	1	Matuyatuya NHS	2
Botilao NHS	1	Mogpog NCHS	2
Buenavista NHS	2	Mongpong NHS	1
Buenavista NHS - Bagacay Annex	1	Paciano A. Sena MHS	1
Buenavista NHS - Daykitin Annex	1	Poctoy NHS	1
Buenavista NHS - Lipata-Tungib Annex	1	Polo NHS	1
Buenavista NHS - Sihi Annex	1	Punong NHS	1
Butansapa NHS	1	Puting Buhangin NHS	1
Cawit NCHS	1	Sayao NHS	1
Dolores NHS	1	Sibuyao NHS	1
Hupi NHS	1	Tagum NHS	1
Ilaya NHS	1	Tambangan NHS	1
Ipil NHS	1	Tapuyan NHS	1
Kasily NHS	1	Tiguion NHS	1
Kilo-Kilo NHS	1	Tigwi NHS	2
Landy NHS	2	Yook NHS	1
Makapuyat NHS	2		
TOTAL	28	TOTAL	26
GRAND TOTAL		54	

LIST OF PROGRAM MANAGEMENT TEAM

Role	Name	Duties/Responsibilities
Overall Project Supervisor	John M. Chavez Chief, CID	Supervises the project from the pre to post-implementation phases
Project Manager/Project Owner	Freddie M. Malabayabas EPS, Math	Manages the entire activities in the project
Resource Persons	Genalyn M. Macarang Master Teacher I-MNHS	Deliver the session, manage the class, lead the day's preliminaries, check and monitor participants' outputs, and attend the debriefing
	Clariza O. De Guzman Asst.Principal II-MNHS	
	Ruffa M. Monroyo Teacher III-Tiguion NHS	
	Eugene L. Menorca Teacher III - Balanacan NHS	
	Minerva R. Pielago Teacher III-Matalaba NHS	
	Edson R. Sapungan Master Teacher I-Bangbang NHS	
PMT/Members	Charmaine Jasmin Mogol Division Librarian II Joseph Arnold L. Almonte Project Development Officer II Rebecca L. Siena Teacher II, Ilaya NHS	Manage the registration of participants, check readiness of the training venue, technical, and check participants' daily attendance
Member of the Process Observation and Monitoring Team	Kyle David V. Atienza SEPS, HRDS	Observes and monitors the training activities, facilitates the debriefing
Members of the Activity Evaluation Team	Dr. Fretzie P. Alcantara SEPS, SMME Rey R. Reymundo EPS, SMME	Evaluate the training activities, facilitate the debriefing
Members of the Health Team	To be assigned by Health & Nutrition Section	Ensure the health and well-being of the training participants

TRAINING MATRIX

Strengthening Assessment Design for Mathematics:
 A Division Workshop to Boost Student Learning Outcomes
 November 26-28, 2025 @ Balar Events Place
 Balaring, Boac, Marinduque

Time	Duration	Activity	Person/s Responsible
Day 1			
8:00-9:00 AM	60 mins	Arrival, Settling, and Registration of Participants	Registration Committee/PMT
9:01-9:45 AM	45 mins	Opening Program	Technical Committee/PMT
		Nationalistic Song	
		Ecumenical Prayer	
		Acknowledgement of Participants	
		Messages	
		Activity Matrix and Objectives	
		M and E Mechanism	
		Photo Documentation	
9:46-10:00 AM	15 mins	Pre-Test	
10:01-10:15 AM	15 mins	Uninterrupted Break	
10:16-10:20 AM	5 mins	Levelling of Expectations	Mrs. Clarissa O. De Guzman
10: 21-11:10 AM	50 mins	Session 1 – Overview of PISA and Its Assessment Frameworks Structure and Purpose of PISA	
11:11-12:00 NN	50 mins	Session 2 – Understanding the Components of Mathematics/Science Literacy Framework of PISA	Mr. Eugene L. Menorca
12:01-1:00 PM	60 mins	Lunch Break	
1:01-2:15 PM	75 mins	Session 3 – Analyzing Sample PISA Items <ul style="list-style-type: none"> • Exploration of Released PISA Items in Mathematics/Science • Sharing of Experiences before, during & after Administration of PISA Main Survey 	Ms. Minerva R. Pielago
2:16-4:15 PM	120 mins	Workshop 1- Designing PISA-Like Stimuli and Questions (Activity 1- Context)	Mrs. Genalyn M. Magcarang
Day 2			
7:30-8:00 AM	30 mins	Management of Learning	
8:01-9:50 AM	110 mins	Workshop 2- Drafting Items for Mathematics (Activity 2- Competencies and Item Format)	Mr. Edson M. Sapungan



9:51-10:05 AM	15 mins	Uninterrupted Break	
10:06-12:00 NN	115 mins	Workshop 3- Refining Drafted Assessment Items <ul style="list-style-type: none"> • Peer Review • Revising based on Feedback 	Mrs. Genalyn M. Magcarang
12:01-1:00 PM	60 mins	Lunch Break	
1:01-2:45 PM	75 mins	Session 4- Foundation of Assessment (Validity and Reliability)	Mr. Eugene L. Menorca
2:46-3:00 PM	15 mins	Uninterrupted Break	
3:01-4:00 PM	60 mins	Session 5-Use of Jamovi Software for Test Analysis	Mrs. Ruffa M. Monroyo
Day 3			
7:30-8:00 AM	30 mins	Management of Learning	
8:01-9:30 AM	90 mins	Development of PISA-Like Test Questions <ul style="list-style-type: none"> • Peer Review • Revising based on feedback 	Mr. Freddie M. Malabayabas/PMT
9:31-9:45 AM	15 mins	Uninterrupted Break	
9:46-11:00 AM	75 mins	Development of PISA-Like Test Questions <ul style="list-style-type: none"> • Peer Review • Revising based on feedback 	Mr. Freddie M. Malabayabas/PMT
11:01-12:00 NN	60 mins	Development of PISA-Like Test Questions <ul style="list-style-type: none"> • Presentation of Outputs 	Participants
12:01-1:00 PM	60 mins	Lunch Break	
1:01-3:00 PM	120 mins	Development of PISA-Like Test Questions <ul style="list-style-type: none"> • Presentation of Outputs 	Participants
3:01-4:00 PM	60 mins	Synthesis Administration of Post test Evaluation of the Program Closing Program <ul style="list-style-type: none"> • Distribution of Certificates • Group Photo 	