



SAINT MARY'S UNIVERSITY

BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES

SCHOOL OF GRADUATE STUDIES



January 14, 2025

ORLANDO E. MANUEL, PhD, CESO V

Schools Division Superintendent

DepEd Schools Division of Nueva Vizcaya

Quezon St., Don Domingo Maddela, Bayombong, Nueva Vizcaya

Dear Sir,

Marian Greetings!

The undersigned Graduate School Faculty Researchers planned to conduct the first Science and Mathematics Educators' Open Space Discussion to be held on January 18, 2025, at Saint Mary's University, Bayombong, Nueva Vizcaya. This is a trifold event where we will discuss the initial research findings we conducted last October 16-18, 2024, with selected Public High Schools, share possibilities to address some identified challenges, and propose a collaborative project with the selected schools of SDO Nueva Vizcaya.

With regards to this, may we invite the following key persons as participants to the said event? Their presence will help provide valuable insights to construct possibilities and open opportunities for us to attain our common goal for our learners.

1. Dr. Ronnie A. Bibas, EPS Science and Research Collaborator
2. Mr. Florentino A. Aban Jr., MT- I Bagabag National High School and Research Collaborator
3. Mr. Olivar Reimos Barroga, T-I NVGCHS and Facilitator -Discussant
4. Ms. Khriselle Mae Beting, T-II Solano National High and Discussant
5. Science and Mathematics Coordinators of Canabuan National High School, Diadi National High School and Mungia National High School

Thank you very much for your support in this academic undertaking!

Respectfully yours,

Dr. Analyn A Guevara, Lead Researcher

Mrs. Lorna C. Aban, Primary Collaborator

Mr. Domingo P. Guentalilib, Jr. Secondary Collaborator

MEMORANDUM		Date: 1-15-25	Release/Records: hcp
To: <input checked="" type="checkbox"/> PSDS/DICs	<input checked="" type="checkbox"/> Elem/Sec School Heads		
<input type="checkbox"/> Private Schools	<input type="checkbox"/> Others:		
For: <input checked="" type="checkbox"/> Information		<input checked="" type="checkbox"/> Dissemination	
<input type="checkbox"/> Guidance		<input type="checkbox"/> Strict Compliance	
ORLANDO E. MANUEL PhD., CESO V			
Schools Division Superintendent			
By: <input type="checkbox"/> ASDS	<input type="checkbox"/> CID Chief	<input type="checkbox"/> SGOD Chief	<input type="checkbox"/> AO <input type="checkbox"/> Atty
			Signature:

CP# 09175951603



SAINT MARY'S UNIVERSITY
Bayombong, Nueva Vizcaya
School of Graduate Studies



SCI-MATH EDUCATORS' OPEN SPACE DISCUSSION

JANUARY 18, 2025
NSTP OFFICE, SAINT MARY'S UNIVERSITY

MORNING SESSION (8:00 AM)

REGISTRATION

OPENING PRAYER *AVP*

NATIONAL ANTHEM *AVP*

OPENING REMARKS *MRS. LORNA C. ABAN*
SoGS Faculty

DISCUSSION I (EDUCATIONAL CHALLENGES) *DR. RONNIE B. BIBAS*
EPS Science, SDO Nueva Vizcaya

DISCUSSION II (INITIAL RESEARCH FINDINGS) *DR. ANALYN A. GUEVARA*
SoGS Cluster Head

INTRODUCTION OF RESOURCE SPEAKER *MR. MARK BERNARD C. SAN JUAN*
MAT Student

CRITICAL AND CREATIVE THINKING WITH AI *DR. LOUIE B. DASAS*
Assistant Dean, College of Education
University of Santo Tomas (UST)

DISCUSSION III (DEMONSTRATION ACTIVITIES) *MAT PHYSICS AND PHD SCI ED MATH STUDENTS*

AFTERNOON SESSION (1:30 PM)

DISCUSSION IV (PROJECT PRESENT) *MRS. LORNA C. ABAN*

CLOSING REMARKS *MR. OLIVAR REIMOS D. BARROGA, JR.*
MAT Student

MR. MARK BERNARD C. SAN JUAN
MASTER OF CEREMONY



SAINT MARY'S UNIVERSITY

BAYOMBONG, NUEVA VIZCAYA, PHILIPPINES

SCHOOL OF GRADUATE STUDIES



October 4, 2024

ORLANDO E. MANUEL PhD, CESO V

Schools Division Superintendent

DepEd Schools Division of Nueva Vizcaya

Quezon St., Don Domingo Maddela, Bayombong, Nueva Vizcaya

Dear Sir,

Marian Greetings!

We are pleased to inform you that we, the SMU faculty researchers are on data gathering phase of our study about Exploring Classroom Culture with Manipulatives in collaboration with Dr. Ronnie Bibas, Education Program Supervisor for Science and Mr. Florentino Aban Jr., MT- Mathematics, Bagabag National High School. This study, its purpose and scope were communicated to your office last May 31, 2024 and endorsed on June 11, 2024. Kindly see the attached communication letter and the endorsement for your reference.

We plan to visit the selected Junior High Schools, particularly Diadi National High School, Canabuan National High School, and Mungia National High School on October 16-18, 2024 to conduct interview, observation and document scanning. May we seek your permission and endorsement for us to pursue the collection of pertinent data with the assistance of our external collaborators, Dr. Bibas and Mr. Aban on the said schools and schedule?

Please be assured that we will adhere to the Research Management Guidelines and school policies in the conduct of the study.

Thank you very much for your support in this academic endeavor!

Respectfully yours,

Dr. Analy A. Guevara, Lead Researcher

Mrs. Lorna C. Aban, Primary Collaborator

Mr. Domingo T. Guntalilib, Jr., Secondary Collaborator



Republic of the Philippines
Department of Education
 REGION II – CAGAYAN VALLEY
 SCHOOLS DIVISION OF NUEVA VIZCAYA

1st Indorsement
 June 11, 2024

Respectfully forwarded to **ANALYN A. GUEVARA et al**, Lead Researcher of Graduate School of Saint Mary's University, Bayombong, Nueva Vizcaya, the herein request to gather data in national achievement test for science and mathematics, semi-structured interview, observation and document scanning in selected junior high schools in nueva vizcaya for the study entitled "**Unlocking Sci-Math Minds: Exploring Classroom Culture with Manipulatives**", is approved following the condition that their participation is voluntary and shall be subjected to the no-disruption-of-classes policy as stipulated in **DepEd Order No. 9, s. 2005** entitled, "*Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith*". Also, observance of ethical standards in the conduct of research activity as specified in **DepEd Order No. 16, s. 2017** known as "*Research Management Guidelines*" is highly recommended, for information and guidance.

ORLANDO B. MANUEL PhD, CESO V
 Schools Division Superintendent



Attention: PSDS and School Heads
 Incls.: As stated
 Re: Request to gather data
 PAR

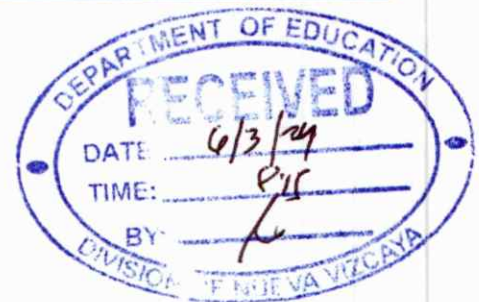


Address: Quezon St., Don Domingo Maddela, Bayombong, Nueva Vizcaya
Telephone Nos.: (078) 362-0106, 09171589946
Email Address: nuevavizcaya@deped.gov.ph
Website: www.deped-nv.com.ph



May 30, 2024

ORLANDO E. MANUEL, Ph.D., CESO V
Schools Division Superintendent
Schools Division of Nueva Vizcaya



Sir:

Greetings of peace and goodwill!

The undersigned are science and mathematics educators and are currently conducting a study entitled "**Unlocking Sci-Math Minds: Exploring Classroom Culture with Manipulatives**"

In this study, the researchers aim to explore the science and mathematics classroom culture involving manipulatives. Mapping this classroom culture will define the selected science and mathematics junior high school teachers of Nueva Vizcaya teacher's experiences and practices in teaching the subjects.

Specifically, it aims to

1. describe the teachers' practices in teaching secondary science and mathematics involving manipulatives;
2. identify the challenges encountered in teaching; and
3. design a professional development plan involving manipulatives to address the challenges encountered by the teachers in secondary science and mathematics.

This study will be conducted in selected Junior High Schools in Nueva Vizcaya. It will involve three identified schools with low National Achievement Test mean-percentage score (NAT MPS) in science and mathematics. The data collection method will consist of semi-structured interview, observation, and document scanning.

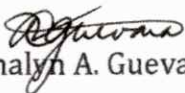
In this regard, may we request copy of the recent National Achievement Test (NAT) results for reference and may we be permitted to gather data in the said schools during the first quarter of the SY2024-2025?

Rest assured that the data and documents will be treated with utmost confidentiality and will be utilized only for the communicated purpose. With the findings of the study, we hope to collaborate with your office and the identified schools for possible professional development trainings.

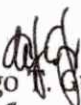
The favor and help that you will extend to the researchers is deemed very valuable and will be highly appreciated.


Thank you very much and more power!

Very truly yours,


Dr. Analyn A. Guevara, Lead Researcher


Mrs. Lorna C. Aban, Primary Collaborator


Mr. Domingo T. Guntalilib, Jr., Secondary Collaborator


Dr. Ronnie Blas, External Collaborator


Mr. Florentino Aban Jr., External Collaborator