



Republic of the Philippines  
Department of Education  
Region VI – Western Visayas  
**DIVISION OF AKLAN**  
Archbishop G.M. Reyes St., Kalibo, Aklan



February 19, 2019

**DIVISION MEMORANDUM**

No. 59, s. 2019

**ADMINISTRATION OF THE TRENDS IN INTERNATIONAL MATHEMATICS AND SCIENCE  
STUDY 2019 MAIN SURVEY**

To: **Chief Education Supervisors  
Education Program Supervisors  
Public Schools District Supervisors  
Senior/Education Program Specialists  
Heads of Public and Private Elementary and Integrated Schools  
All Others Concerned**

1. This is to inform the field that the Department of Education (DepEd), through the Bureau of Education Assessment (BEA), will conduct the Trends in International Mathematics and Science Study (TIMSS) 2019 Main Survey on March 12, 2019 at Banga Elementary School, Banga, Aklan.
2. The following school in the division is selected as sample:

DISTRICT	SCHOOL
Banga	Banga Elementary School

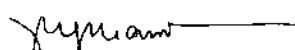
3. The following are the schedule of activities:

ACTIVITY	DATE/TIME	VENUE
Orientation on Trends in International Mathematics and Science Study (TIMSS) 2019 Main Survey (for sampled school) <ul style="list-style-type: none"><li>• Banga Elementary School</li></ul>	March 6, 2019 2:00 PM	Banga Elementary School, Banga, Aklan

Administration of TIMSS 2019 Main Survey (for sampled school)		
<ul style="list-style-type: none"> <li>Banga Elementary School</li> </ul>	March 12, 2019 7:00 AM	Banga Elementary School, Banga, Aklan

4. Attached is the TIMSSMS 2019 Division Management Committee, DepEd Memorandum No. 009, s. 2019, and Information on TIMSS.
5. Immediate and wide dissemination of this Memorandum is strongly desired.

FOR THE SCHOOLS DIVISION SUPERINTENDENT:

  
**PATROCENIA Y. MAMBURAM**  
 Administrative Officer V  
 In-Charge of the Division *kal*

Enclosure: As stated

Reference: D.M. No. 009, s. 2019 and D.O. No. 29, s. 2017

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

EXAMINATIONS

LEARNERS

TESTS

/jrp



Republic of the Philippines  
Department of Education  
Region VI – Western Visayas  
**DIVISION OF AKLAN**  
Kalibo, Aklan



## **Trends in International Mathematics and Science Study (TIMSS) 2019 Main Survey**

### **DIVISION MANAGEMENT COMMITTEE**

**Dr. SALVADOR O. OCHAVO, JR., CESO VI**  
Schools Division Superintendent

**JOSE NIRO R. NILLASCA**  
Education Program Supervisor  
Officer-In-Charge, Office of the Assistant Schools Division Superintendent

Division Testing Coordinator/ School Coordinator:	<b>JUNE PATRICIO</b> Education Program Specialist II
Test Administrator:	<b>LIEZEL N. PALMON</b> Teacher III Urquiola Elementary School
School Head of Sampled School:	<b>HERLINE N. TEODOSIO</b> School Principal III Banga Elementary School
	<b>GLADYS G. MACARIOLA</b> Master Teacher II Banga Elementary School
Monitors:	<b>MICHAEL T. RAPIZ</b> Chief Education Supervisor, SGOD  <b>RITA M. REY</b> Senior Education Program Specialist  <b>Dr. LUCITA P. RECIDORO</b> Public Schools District Supervisor

Budget Officer:	<b>BELLA S. SUANTE</b> Administrative Officer V-Budget and Finance
Accountant:	<b>MARISSA A. JISMUNDO</b> Accountant III
Cashier:	<b>FEBY D. MOLETA</b> Administrative Officer IV Disbursing Officer



Republic of the Philippines  
**Department of Education**

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31 JAN 2019

DepEd MEMORANDUM  
No. **009**, s. 2019

**ADMINISTRATION OF THE TRENDS IN INTERNATIONAL MATHEMATICS  
AND SCIENCE STUDY 2019 MAIN SURVEY**

To: Undersecretaries  
Assistant Secretaries  
Bureau and Service Directors  
Regional Directors  
Public and Private Secondary Schools Heads  
All Others Concerned

1. The Department of Education (DepEd), through the Bureau of Education Assessment (BEA), will administer the **Trends in International Mathematics and Science Study (TIMSS) 2019 Main Survey** in March. This is pursuant to DepEd Order No. 29, s. 2017 entitled **Policy Guidelines on System Assessment in the K to 12 Basic Education Program**.
2. The Philippines' participation in TIMSS 2019 will provide DepEd an additional tool to measure the effectiveness of the enhanced basic education curriculum and its delivery systems particularly in informing and supporting education policy decision making, identifying the areas of weaknesses in the educational system, using results as benchmarks to measure school effectiveness and determining alignment with international standards.
3. TIMSS 2019 is the seventh assessment cycle since 1995, and more than 60 countries have participated in this survey. It is conducted every four years and is sponsored by the International Association for the Evaluation of Educational Achievement (IEA) and measures trends in mathematics and science achievement. It aims to provide information that will assist countries to monitor and evaluate the success of their mathematics and science education across time and across grades.
4. The selection of participants applies TIMSS internationally-approved sampling standards to achieve a nationally representative sample of schools and pupils. The national sampling plan is a product of the collaboration between the TIMSS National Center, through the National Research Coordinator (NRC), and the TIMSS International Center.
5. In the Philippines, TIMSS will be administered in 16 regions, 198 schools divisions and 181 schools using paper-based assessment. The Grade 4 assessment covers Content (Number, Algebra, Geometry, Life Science, Physical Science, and Earth Science) and Cognitive (Knowing, Applying, and Reasoning). The language of the test is English, and it consists of multiple-choice with variety of formats and constructed-response (open-ended questions).

6. Below are the roles and responsibilities of TIMSS Testing personnel:

<b>TIMSS Testing Personnel</b>	<b>Roles and Responsibilities in TIMSS</b>
Regional Testing Coordinator	Serves as the overall supervisor in the sample schools within the region
Division Testing Coordinator	Acts as the school coordinator and serves as the liaison officer for the national center, region, schools division, and sample schools
School Head	Manages the conduct of TIMSS in the school with the assistance of the school coordinator
Test Administrators	Responsible for the conduct of TIMSS in the sample schools

7. The schedule of TIMSS 2019 Main Survey for Philippines is indicated below.

<b>Cluster</b>	<b>Testing Window*</b>	<b>Region</b>
1	March 4–8, 2019	<b>Luzon:</b> CAR, I, II, III, IV-A, and IV-B (Occidental Mindoro and Oriental Mindoro)
2	March 11–15, 2019	<b>Luzon and Visayas:</b> IV-B (Palawan and Romblon), NCR, V, VI, and VII
3	March 18–22, 2019	<b>Mindanao:</b> VIII, IX, X, XI, XII, and XIII (Caraga)

\*Dates indicated do not include travel time.

8. The 181 sample schools with the replacement schools are indicated in Enclosure No. 1. The TIMSS International Center only allows replacement of sample schools in case of official closure, which must be verified by the schools division superintendent.

9. For more information and other concerns, contact the Trends in International Mathematics and Science Study National Team, headed by **Dr. Nelia V. Benito**, CESO IV, Director, Bureau of Education Assessment and TIMSS 2019 National Research Coordinator at telephone no. (02) 631-2591 or email at [timss.philippines@gmail.com](mailto:timss.philippines@gmail.com).

10. Immediate dissemination of this Memorandum is desired.

  
**LEONOR MAGTOLIS BRIONES**  
Secretary

Encl:

As stated

Reference:

DepEd Order (No. 29, s. 2017)

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

ASSESSMENT  
EXAMINATION  
LEARNING AREA, MATHEMATICS  
OFFICIALS  
PUPILS  
SCHOOLS  
SCIENCE EDUCATION  
SURVEY

Sampled School	0090	15642	108239	CABUYAO CENTRAL ELEMENTARY SCHOOL	IV-A	Cabuyao City
First Replacement	1090	19238	114851	Manocmanoc Elementary School	VI	Aklan
Second Replacement	2090	39870	136403	Apolinario Mabini Elementary School	CAR	Baguio City
Sampled School	0091	9174	109326	INUMAN ELEMENTARY SCHOOL	IV-A	Antipolo City
First Replacement	1091	39590	136866	San Roque Elementary School	NCR	Navotas City
Second Replacement	2091	38094	136451	F. Balagtas Elementary School	NCR	Manila
Sampled School	0092	29751	126046	PAGADIAN CITY PILOT SCHOOL	IX	Pagadian City
First Replacement	1092	8453	107145	Bagong Buhay F Elementary School	III	San Jose Del Monte City
Second Replacement	2092	19843	117459	CL Montelibano Elementary School	VI	Bacolod City
Sampled School	0093	39466	227002	SANTIAGO A. DE GUZMAN ELEMENTARY SCHOOL	NCR	Valenzuela City
First Replacement	1093	13733	109278	Lusacan Elementary School	IV-A	Quezon
Second Replacement	2093	36058	131324	Upper Tamber Elementary School II	XII	Gen. Santos City
Sampled School	0094	39300	136788	PAMPLONA ELEMENTARY SCHOOL-CENTRAL	NCR	Las Piñas City
First Replacement	1094	8470	162507	Parida Elementary School	III	San Jose Del Monte City
Second Replacement	2094	39298	136786	MES-Mikesell Annex	NCR	Las Piñas City
Sampled School	0095	17646	114467	BANQUEROHAN ELEMENTARY SCHOOL	V	Legaspi City
First Replacement	1095	34099	129507	Cabantian Elementary School	XI	Davao City
Second Replacement	2095	39877	136409	Fort del Pilar Elementary School	CAR	Baguio City
Sampled School	0096	38067	136440	J.C. DE JESUS ELEMENTARY SCHOOL	NCR	Manila
First Replacement	1096	38096	136455	M. Agoncillo Elementary School	NCR	Manila
Second Replacement	2096	34110	129519	T. Awad Echevarria Elementary School	XI	Davao City
Sampled School	0097	19063	114660	BANGA ELEMENTARY SCHOOL	VI	Aklan
First Replacement	1097	24768	119976	Buyong Elementary School	VII	Lapu-Lapu City
Second Replacement	2097	20617	117610	Ticud Elementary School	VI	Iloilo City
Sampled School	0098	20577	117624	SAN JUAN ELEMENTARY SCHOOL	VI	Iloilo City
First Replacement	1098	36034	131286	Mabuhay Elementary School	XII	Gen. Santos City
Second Replacement	2098	11348	108720	Kanlurang Mayao Elementary School	IV-A	Lucena City
Sampled School	0099	24776	119988	KALAWISAN ELEMENTARY SCHOOL	VII	Lapu-Lapu City
First Replacement	1099	37891	136610	Lerma Elementary School	NCR	Caloocan City
Second Replacement	2099	22358	117687	Marcos Fuentes Integrated School	VI	Roxas City
Sampled School	0100	13147	108652	DON ABADILLA ELEMENTARY SCHOOL	IV-A	Quezon
First Replacement	1100	15569	108224	Mampalasan Elementary School	IV-A	Bifan City
Second Replacement	2100	10999	108448	Sto. Angel Central Elementary School	IV-A	Laguna
Sampled School	0101	10839	108331	SAN ANTONIO ELEMENTARY SCHOOL	IV-A	Laguna
First Replacement	1101	13915	109416	Looc Elementary School	IV-A	Rizal
Second Replacement	2101	10333	108064	Labac Elementary School	IV-A	Cavite
Sampled School	0102	10991	108441	OOGONG ELEMENTARY SCHOOL	IV-A	Laguna
First Replacement	1102	13157	108662	San Roque Elementary School	IV-A	Quezon
Second Replacement	2102	10355	108082	Salcedo Elementary School	IV-A	Cavite



## TIMSS 2019 Main Survey

Nelia V. Benito, Ph.D., CESO IV

*Director IV/ National Research Coordinator*



### DepEd Order No. 43, s. 2013

#### **“Implementing Rules and Regulations of Republic Act 10533 or Enhanced Basic Education Act of 2013” (Rule X, Section 35)**

##### **RULE X. COMMITMENT TO INTERNATIONAL BENCHMARKS**

**Section 35. Commitment to International Benchmarks.** The DepEd shall endeavor to increase the per capita spending on education towards the immediate attainment of international benchmarks. Towards this end, the DepEd shall seek to:

- a) engage local government units to efficiently use the special education fund and other funds to advance and promote basic education;
- b) implement programs that will enhance private sector participation and partnership in basic education; and
- c) propose an annual budget allocation in accordance with these goals. The DepEd shall further develop a multi-year spending plan to ensure that the UNESCO-prescribed standards on education spending are attained.

## **DO 29, s. 2017**

**To establish baseline given the implementation of the new curriculum**

**To measure effectiveness of curriculum implementation (internal, national assessments) through international benchmarking and comparability**

**To provide evidence-based program management at systems level (planning, purchasing, monitoring and evaluation) with**

**To establish variability within the system both across regions**

## **Why are we joining TIMSS?**

The Philippines' participation in TIMSS 2019 will provide DepEd an **additional tool** to measure the effectiveness of the enhanced basic education curriculum and its delivery systems.

**Why are we joining TIMSS?**

- Inform and support education policy decision making
- To identify the areas of weaknesses in the educational system
- Use the results as benchmark to measure school effectiveness
- To determine the alignment with international standards

**Previous Participation of the Philippines in TIMSS**

Year	Grade Level	
1995	Grade 4	Grade 8
1999		Grade 8
2003	Grade 4	Grade 8
2008		Grade 8

**Objectives of TIMSS 2019 MS Training and Advocacy Campaign**

The Advocacy Training and National Training are capability building mechanisms to provide opportunities for the field testing personnel of sample divisions and school of TIMSS to achieve the following objectives:

- To raise awareness on the TIMSS objectives and provide mechanisms for the successful implementation of the ILSA;
- To establish assessment strategies that would contribute to the effective and efficient collaboration among the TIMSS testing personnel;
- To devise proposals for improved assessment plans based on the TIMSS Field Trial; and
- To be familiarized with the internationally-approved assessment standards from the TIMSS international center.