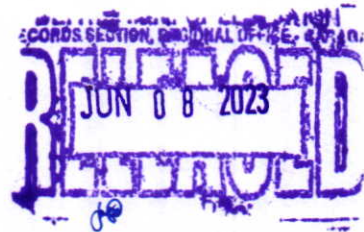




Republic of the Philippines
Department of Education
CARAGA REGION



June 08, 2023

REGIONAL MEMORANDUM

No. 0495, s. 2023

To: SCHOOLS DIVISION SUPERINTENDENTS
This Region

**VIRTUAL RESEARCH DISSEMINATION OF THE IMPACT
OF mEDUCATION PROGRAM**

1. The field is hereby informed of DepEd Memorandum 2023-OD-PS, which pertains to the virtual research dissemination of the impact of mEducation program. The event will take place on Thursday, June 15, 2023, from 9:00-11:00 AM via Zoom.
2. The participants of this virtual meeting will include the Regional Director, Chief EPS of the Curriculum and Learning Management Division, and the Schools Division Superintendents of the 12 SDOs.
3. To confirm attendance in the research dissemination, please kindly register using this link: <https://tinyurl.com/mEducPH> on or before June 14, 2023. Zoom details will be sent to those who have registered through the provided link.
4. Attached is the DepEd Memorandum 2023-OD-PS for your reference.
5. For questions related to this matter, please kindly contact Karisha Anne Cruz at kacruz@poverty-action.org or PS-PRDD at ps.prdd@deped.gov.ph and (02) 8635-3976.
6. Widest dissemination of this Memorandum is desired.

MARIA INES C. ASUNCION

Director III
Officer-in-Charge
Office of the Regional Director

BY THE AUTHORITY OF THE REGIONAL DIRECTOR

JOEL B. ROSALES

Chief, Administrative Officer



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2023-06-07884

Doc. Ref. Code	RO-ASD-F107	Rev	00
Effectivity	02.01.23	Page	1 of 2

Encl/s.: As stated
Reference/s: DepEd Memorandum 2023-OD-PS
To be indicated in the Perpetual Index
under the following subjects:

DISSEMINATION EDUCATION PROGRAM RESEARCH

CLMD/jgo
06/08/2023



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2023-06-07884

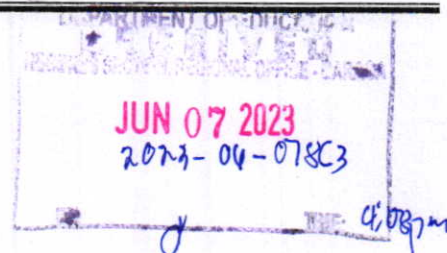
Doc. Ref. Code	RO-ASD-F107	Rev	00
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Republic of the Philippines
Department of Education
PLANNING SERVICE

Office of the Director

MEMORANDUM
2023-OD-PS-



FOR : All Regional Directors
All Regional CLMD Chief Education Supervisors
Superintendents and mEducation Focal Persons of SDO Calapan, Marinduque, Occidental Mindoro, Romblon, Palawan, Isabela City, Zamboanga del Sur, Zamboanga Sibugay, Zamboanga City, Zamboanga del Norte, Bago City, Guimaras, Iloilo, Negros Occidental, Antique
School Heads of mEducation Pilot Schools

FROM :  **ROGER B. MASAPOL**
Director IV

SUBJECT : **Virtual Research Dissemination of the Impact of mEducation Program**

DATE : 02 June 2023

In support to the Basic Education Development Plan and the MATATAG agenda to strengthen the learning recovery and address challenges in Mathematics instruction, the Innovations for Poverty Action (IPA) worked with the Department of Education (DepEd) in conducting a pilot implementation of **mEducation Program: Stemming learning loss during the pandemic**, which sought to look at improving learning outcomes and increasing parental engagement through mobile-based intervention. With the support from Young Impact and in close collaboration with DepEd, IPA completed the implementation and evaluation of mEducation Program with two models: 1) IPA Tutor Arm from October to December 2021 and 2) DepEd Teacher Arm from May to July 2022 in 110 schools across 9 School Division Offices in MIMAROPA, Region VI, and Region IX.

With this, IPA would like to present the mEducation program impact results on **June 15, 2023, Thursday at 09:00 – 11:00 am via Zoom**. Regional Directors and Chief EPS of Curriculum and Learning Management Division from all Regional Offices, Schools Division Superintendents and mEducation focal persons of pilot SDOs are invited to attend in the research dissemination. Moreover, School Heads of pilot schools are also invited to participate as long as the online activity does not affect to their scheduled instructional supervision.

Attached is the Indicative Program, briefier about the mEducation, and list of pilot schools for your reference. To confirm attendance in the research dissemination, kindly register in this link <https://tinyurl.com/mEducPH> **on or before June 14, 2023**. Zoom details will be sent to those who registered in the link. For questions related to this matter, kindly contact Karisha Anne Cruz at kacruz@poverty-action.org or PS-PRDD at ps.prd@deped.gov.ph and (02) 8635-3976.

Annex 1: List of SDOs and Pilot schools

	Region	Schools Division Office	School Name	Implementation Arm
1	Region IV-B	Calapan	Canubing II Elementary School	DepEd Arm
2	Region IV-B	Calapan	Filemon Samaco Memorial School	DepEd Arm
3	Region IV-B	Calapan	Lazareto Elementary School	DepEd Arm
4	Region IV-B	Calapan	San Antonio Elementary School	DepEd Arm
5	Region IV-B	Calapan	Teresa C. Montellano Memorial School	DepEd Arm
6	Region IV-B	Marinduque	Balanacan Elementary School	DepEd Arm
7	Region IV-B	Marinduque	Buenavista Central School	DepEd Arm
8	Region IV-B	Marinduque	Buyabod Elementary School	DepEd Arm
9	Region IV-B	Marinduque	Cawit Elementary School	DepEd Arm
10	Region IV-B	Marinduque	Don Luis Hidalgo Memorial	DepEd Arm
11	Region IV-B	Marinduque	Gasán Central School	DepEd Arm
12	Region IV-B	Marinduque	Mogpog Central School	DepEd Arm
13	Region IV-B	Marinduque	Santa Cruz East Central School	DepEd Arm
14	Region IV-B	Marinduque	Santa Cruz North Central School	DepEd Arm
15	Region IV-B	Marinduque	Torrijos Central School	DepEd Arm
16	Region IV-B	Occidental Mindoro	Abra De Ilog Central School	DepEd Arm
17	Region IV-B	Occidental Mindoro	Caminawit Central School	DepEd Arm
18	Region IV-B	Occidental Mindoro	Mamburao Central School	DepEd Arm
19	Region IV-B	Occidental Mindoro	San Jose Pilot Elementary School	DepEd Arm
20	Region IV-B	Palawan	Abongan Elementary School	DepEd Arm
21	Region IV-B	Palawan	Aramaywan I Elementary School	DepEd Arm
22	Region IV-B	Palawan	Borac Elementary School	DepEd Arm

23	Region IV-B	Palawan	Decalachao Elementary School	DepEd Arm
24	Region IV-B	Romblon	Cajimos Elementary School	DepEd Arm
25	Region IV-B	Romblon	Ferrol Central Elementary School	DepEd Arm
26	Region IV-B	Romblon	Romblon East Central Elementary School	DepEd Arm
27	Region IV-B	Romblon	Santa Fe Central Elem. School	DepEd Arm
28	Region IV-B	Romblon	Sawang Elementary School	DepEd Arm
29	Region IV-B	Calapan	Adriatico Memorial School	IPA Tutor Arm
30	Region IV-B	Calapan	Calapan Central School	IPA Tutor Arm
31	Region IV-B	Calapan	Camilmil Central School	IPA Tutor Arm
32	Region IV-B	Calapan	N. Aboboto Memorial School	IPA Tutor Arm
33	Region IV-B	Calapan	Sta. Isabel Elementary School	IPA Tutor Arm
34	Region IV-B	Occidental Mindoro	Pag-Asa Central School	IPA Tutor Arm
35	Region IV-B	Occidental Mindoro	Sablayan Central School	IPA Tutor Arm
36	Region IV-B	Palawan	Cuyo Central School	IPA Tutor Arm
37	Region IV-B	Palawan	Manamoc Elementary School	IPA Tutor Arm
38	Region IV-B	Palawan	Narra Pilot School	IPA Tutor Arm
39	Region IV-B	Palawan	Narra-Narra Elementary School	IPA Tutor Arm
40	Region IV-B	Palawan	Salvacion Elementary School	IPA Tutor Arm
41	Region IV-B	Romblon	Cajidiocan Central Elementary School	IPA Tutor Arm
42	Region IV-B	Romblon	Romblon West Central Elementary School	IPA Tutor Arm
43	Region IX	Isabela City	Ajibon Elementary School	DepEd Arm
44	Region IX	Isabela City	Begang Central Elementary School	DepEd Arm

45	Region IX	Isabela City	Bishop Querexeta Elementary School	DepEd Arm
46	Region IX	Isabela City	Busay Elementary School	DepEd Arm
47	Region IX	Isabela City	Diki Elementary School	DepEd Arm
48	Region IX	Isabela City	Geras Integrated School	DepEd Arm
49	Region IX	Isabela City	Isabela Central Elementary Pilot School	DepEd Arm
50	Region IX	Isabela City	Isabela East Central Elementary School	DepEd Arm
51	Region IX	Isabela City	Malamawi Central Elementary School	DepEd Arm
52	Region IX	Isabela City	Menzi Elementary School	DepEd Arm
53	Region IX	Zamboanga del Sur	Aurora Region Pilot School (RPS)	DepEd Arm
54	Region IX	Zamboanga del Sur	Blancia Central Elementary School	DepEd Arm
55	Region IX	Zamboanga del Sur	Mahayag Central Elementary School	DepEd Arm
56	Region IX	Zamboanga del Sur	Margosatubig RPS-SPED Center	DepEd Arm
57	Region IX	Zamboanga del Sur	Midsalip Central Elementary School	DepEd Arm
58	Region IX	Zamboanga del Sur	Ramon Magsaysay Central Elementary School	DepEd Arm
59	Region IX	Zamboanga del Sur	San Isidro Central and SPED School ID: 125205	DepEd Arm
60	Region IX	Zamboanga del Sur	Tawagan Elementary School	DepEd Arm
61	Region IX	Zamboanga del Sur	Tigbao Central Elementary School	DepEd Arm
62	Region IX	Zamboanga del Sur	Tukuran Central Elementary School	DepEd Arm
63	Region IX	Zamboanga Sibugay	Buug Pilot Central School	DepEd Arm
64	Region IX	Zamboanga Sibugay	Diplahan Central Elementary School	DepEd Arm
65	Region IX	Zamboanga Sibugay	Kabasalan Special Educations School	DepEd Arm

66	Region IX	Zamboanga Sibugay	Malangas Central Elementary School	DepEd Arm
67	Region IX	Zamboanga Sibugay	Monching Elementary School	DepEd Arm
68	Region IX	Zamboanga Sibugay	Payao Central Elementary School	DepEd Arm
69	Region IX	Zamboanga Sibugay	Sisay Elementary School	DepEd Arm
70	Region IX	Zamboanga Sibugay	Tiayon Elementary School	DepEd Arm
71	Region IX	Zamboanga City	Catalina Vda De Jalon Memorial School	IPA Tutor Arm
72	Region IX	Zamboanga City	Labuan Central School	IPA Tutor Arm
73	Region IX	Zamboanga City	Putik Central School Sped Center	IPA Tutor Arm
74	Region IX	Zamboanga City	San Jose Gusu Elementary School	IPA Tutor Arm
75	Region IX	Zamboanga City	Zambowood Elementary School	IPA Tutor Arm
76	Region IX	Zamboanga del Norte	Katipunan Central School	IPA Tutor Arm
77	Region IX	Zamboanga del Norte	Labason Central School	IPA Tutor Arm
78	Region IX	Zamboanga del Norte	Piñan Central Elementary School	IPA Tutor Arm
79	Region IX	Zamboanga del Norte	Salug Central School and SPED Center	IPA Tutor Arm
80	Region IX	Zamboanga del Norte	Sindangan Pilot Demonstration School	IPA Tutor Arm
81	Region VI	Bago City	Abuanan Elementary School	DepEd Arm
82	Region VI	Bago City	Alianza Elementary School	DepEd Arm
83	Region VI	Bago City	J.L. Araneta Elementary School	DepEd Arm
84	Region VI	Bago City	Lag-Asan Elementary School	DepEd Arm
85	Region VI	Bago City	M. L. Araneta Elementary School	DepEd Arm
86	Region VI	Bago City	Ma-Ao Elementary School	DepEd Arm
87	Region VI	Bago City	Sagasa Elementary School	DepEd Arm

88	Region VI	Guimaras	Buenavista Central School	DepEd Arm
89	Region VI	Guimaras	Constancia Elementary School	DepEd Arm
90	Region VI	Guimaras	Cresente P. Chavez Central School	DepEd Arm
91	Region VI	Guimaras	Doña Lucia C. Locsin Memorial School	DepEd Arm
92	Region VI	Guimaras	Jordan Central School	DepEd Arm
93	Region VI	Guimaras	Manuel Maravilla Memorial School	DepEd Arm
94	Region VI	Guimaras	Nueva Valencia Central School	DepEd Arm
95	Region VI	Guimaras	Old Poblacion Elementary School	DepEd Arm
96	Region VI	Guimaras	Salvacion Central School	DepEd Arm
97	Region VI	Guimaras	Sta. Teresa Elementary School	DepEd Arm
98	Region VI	Iloilo	Cabatuan Central Elementary School	DepEd Arm
99	Region VI	Iloilo	Pavia Pilot Elementary School	DepEd Arm
100	Region VI	Iloilo	Tigbauan Central Elementary School	DepEd Arm
101	Region VI	Negros Occidental	Talisay South Elementary School	DepEd Arm
102	Region VI	Antique	Atabay Elementary School	IPA Tutor Arm
103	Region VI	Antique	Delegate Angel Salazar Jr. Memorial School	IPA Tutor Arm
104	Region VI	Antique	Hamtic Central School	IPA Tutor Arm
105	Region VI	Iloilo	Barotac Nuevo Central Elementary School	IPA Tutor Arm
106	Region VI	Iloilo	Santa Barbara Central Elementary School	IPA Tutor Arm
107	Region VI	Negros Occidental	Pulupandan Elementary School	IPA Tutor Arm

108	Region VI	Negros Occidental	San Enrique Elementary School	IPA Tutor Arm
109	Region VI	Negros Occidental	Smile Village Elementary School	IPA Tutor Arm
110	Region VI	Negros Occidental	Tabao Elementary School	IPA Tutor Arm

mEducation Presentation to DepEd Field Offices

15 June 2023 | 9:00AM – 11:00AM | via Zoom

Time	Activity
9:00 - 9:05 AM	Welcome Remarks
9:05 - 9:10 AM	Introduction of participants
9:10 - 9:40 AM	mEducation: Overview and Results
9:40 - 10:00 AM	Q&A Session Part I
10:00 - 10:30 AM	mEducation Implementation: Content, Delivery, Monitoring
10:30 - 10:40 AM	Discussion on Next Steps
10:40 - 10:55 AM	Q&A Session Part II
10:55 - 11:00 AM	Closing Remarks

Registration Form:

<https://tinyurl.com/mEducPH>

Does a Mobile Phone-based Math Education Program Improve Learning Outcomes for Students in the Philippines?

COVID-19 disrupted education systems worldwide, causing schools to transition to remote instruction. However, many low- and middle-income countries were unprepared to deploy instruction effectively, which contributed to significant learning losses for an estimated 200 million students. The effect was exacerbated for students from disadvantaged households that did not have sufficient access to technology.

The Philippines suspended in-person classes in March 2020. The Department of Education implemented distance learning modalities to ensure continuity of learning for the country's 27 million learners. [1] However, only 18 percent of households across the Philippines have their own internet connection, [2] and 24 percent have computers, making high-tech remote learning methods challenging. Mobile phones, a low-tech solution, have high ownership, with 91 percent of households possessing at least one. Evidence from Botswana showed that low-tech solutions using text messages and direct phone calls had large and statistically significant impacts on children's learning outcomes and parental engagement. In this study, researchers set out to understand if the same results in Botswana could be replicated for students experiencing school closures in new contexts – the Philippines – and when delivered in partnership with the government to assess scalable delivery models.

Researchers partnered with IPA and The Philippines Department of Education to implement and evaluate a mobile phone-based math instruction program for students in grades 3-4. Students received phone calls that focus on a math operation targeted to students' learning level as well as weekly text messages containing simple math exercises or reminders. Two arms were implemented: Teacher Aide and DepEd Teacher. In the Teacher Aide arm, IPA hired individuals on government teacher waitlists as tutors to deliver weekly phone call tutoring sessions with students. Households received either a core package of weekly SMS messages and phone tutoring, weekly SMS nudges encouraging caregivers to get involved with the child's education and other education reminders, or no intervention. In the DepEd Teacher arm, government teachers delivered weekly phone call tutoring sessions and SMS reminders to students through the government system, and were compared to a group that received no intervention. A learning assessment and an endline survey followed both arms.

This evaluation is part of a broader global study on phone tutoring programs across 5 countries all over the world (Kenya, Nepal, India, Philippines, and Uganda), conducted over an 18-month period and reaching over 25,000 children globally, representing some of the largest multi-country evidence base ever generated in education.

Sources

1. UNICEF Press Release, "Learning losses from COVID-19 could cost this generation of students close to \$17 trillion in lifetime earnings," UNICEF, December 6, 2021, <https://www.unicef.org/press-releases/learning-losses-covid-19-could-cost-generation-students-close-17-trillion-lifetime>
2. Philippine Statistics Authority. 2020. Annual Poverty Indicators Survey. https://psa.gov.ph/sites/default/files/%5BONS%20rev-cleared%5D%202020%20APIS%20Final%20Report_rev1%20wo%20comments_ONSF3_signed.pdf
3. Angrist, Noam, Peter Bergman, and Moitshepi Matsheng. "Experimental evidence on learning using low-tech when school is out." *Nature human behaviour* 6, no. 7 (2022): 941-950.