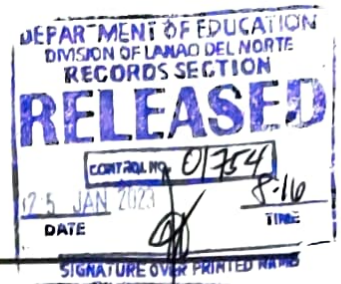




Republic of the Philippines  
**Department of Education**  
REGION X-NORTHERN MINDANAO  
SCHOOLS DIVISION OF LANA O DEL NORTE



January 16, 2023

## MEMORANDUM

### **INTEGRATED SCHOOL NUTRITION MODEL (ISNM) LIGHTHOUSE SCHOOL AND CROP MUSEUM ONLINE CONFERENCE**

TO : **Dryden Klee A. Samaniego**, GPP Focal Person, SGOD  
**Kim Rose S. Ebol**, SBFP Focal Person, SGOD  
**Patre Raiffah A. Damato**, Nutrition-Education Coordinator, SGOD  
**Grace M. Deloria**, School Head, Kapatagan East Central School  
**Edith C. Galo**, GPP Coordinator, Kapatagan East Central School  
**Josefina V. Tappol**, SBFP Coordinator, Kapatagan East Central School  
**Maria Lourdes C. Carpentero**, Nutrition Education & Promotion Coordinator, KECS  
*This Division*

1. In line with the issued Regional Memorandum No. 016, s. 2023 titled **Integrated School Nutrition Model (ISNM) Online Conference**, the Bureau of Learner Support Services-School Health Division (BLSS- SHD), in coordination with International Institute of Rural Reconstruction (IIRR), will conduct an online conference for Lighthouse Schools on January 19-20, 2023.
2. Concerned personnel are directed to join the virtual activity via Zoom link and passcode:  
<https://us06web.zoom.us/j/87999831523>  
Meeting ID: 879 9983 1523  
Passcode: 929261
3. The Lighthouse Schools Online Conference aims to validate conducted online survey on the status and activities on agrobiodiversity conservation/promotion and school food environment for garden resilience and healthy diets. At the end of the training, participants should be able to:
  - a. discuss opportunities of lighthouse schools and crop museums on promoting agrobiodiversity for improving garden resilience and dietary diversity; and
  - b. discuss and understand the factors influencing behavior of learners on consumption of healthy food products within the school.
4. The ISNM program coordinators in all governance levels and those assigned in Lighthouse Schools shall accomplish the survey questionnaire titled "Assessment of Agrobiodiversity in Schools and Links to School Feeding, Environment and Nutrition Education," which will be accessible at [https://bit.ly/ISNM\\_Agro](https://bit.ly/ISNM_Agro). As part of the prework, the survey questionnaire must be accomplished not later than January 17, 2023.
5. The output of the survey will contribute to the collaborative research of the IIRR on Fruits and Sustainable Healthy Diets (FRESH), which shall be processed to develop strategies for



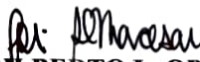



Republic of the Philippines  
**Department of Education**  
REGION X-NORTHERN MINDANAO  
SCHOOLS DIVISION OF LANA O DEL NORTE

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2023-2025 to strengthen the implementation of the ISNM. The FRESH initiative is composed of work packages that aim to use an end-to-end approach to increase fruit-and-vegetable intakes and improve the quality of diet as well as nutrition and health while improving livelihood and empowering youth.

6. For questions and concerns, contact Ms. Christine Isabel B. Buenvenida, Health Education Officer II, or Ms. Jona V. Sales, Technical Assistant I at (02) 8632-9935 or at [nutritionsupport@deped.gov.ph](mailto:nutritionsupport@deped.gov.ph).
7. Attached are Regional Memorandum No. 016, s. 2023 and Annex 1 - Bulletin of Information for references.
8. Immediate dissemination and strict compliance of this Memorandum is directed.

  
**EDILBERTO L. OPLENARIA, CESO V**  
Schools Division Superintendent 

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

INTEGRATED SCHOOL NUTRITION MODEL (ISNM) LIGHTHOUSE SCHOOL AND CROP  
MUSEUM ONLINE CONFERENCE



January 11, 2023

REGIONAL MEMORANDUM  
No. 016, s. 2023

INTEGRATED SCHOOL NUTRITION MODEL (ISNM) ONLINE CONFERENCE

To: Schools Division Superintendents  
Assistant Schools Division Superintendents  
All Others Concerned

1. The Bureau of Learner Support Services – School Health Division (BLSS-SHD), in coordination with the International Institute of Rural Reconstruction (IIRR), will conduct an online conference for Lighthouse Schools on **January 19-20**, via the following Zoom link:

<https://us06web.zoom.us/j/87999831523>  
Meeting ID: 879 9983 1523  
Passcode: 929261

2. The conference aims to validate the conducted Online Survey on the status and activities of agrobiodiversity conservation/promotion and school food environment for garden resilience and healthy diets. The Bulletin of Information (Annex 1) is attached for ready reference.

3. The ISNM program coordinators in all governance levels and those assigned in Lighthouse Schools shall accomplish the survey questionnaire titled "Assessment of Agrobiodiversity in Schools and Links to School Feeding, Environment and Nutrition Education," which will be accessible at [https://bit.ly/ISNM\\_Agrobio](https://bit.ly/ISNM_Agrobio). As part of the prework, the survey questionnaire must be accomplished not later than January 17.

4. The output of the survey will contribute to the collaborative research of the IIRR on Fruits and Sustainable Healthy Diets (FRESH), which shall be processed to develop strategies for 2023-2025 to strengthen the implementation of the ISNM. The FRESH initiative is composed of work packages that aim to use an end-to-end approach to increase fruit-and-vegetable intakes and improve the quality of diet as well as nutrition and health while improving livelihood and empowering youth.



5. The respondents of the online survey are the following:

Governance Level	Participants
Regional Office	Nutritionist-Dietitian II, ESSD Project Development Officer, GPP/ISNM Coordinator
Schools Division Office	Gulayan sa Paaralan (GPP) Focal Person, SGOD School-Based Feeding Program (SBFP) Focal Person, SGOD Nutrition-Education Coordinator, CLMD
Lighthouse School	School head, Lighthouse School (as the ISNM lead) Nutrition Education and Promotion Coordinator GPP Coordinator SBFP Coordinator

6. For questions and concerns, contact Ms. Christine Isabel B. Buenvenida, Health Education Officer II, or Ms. Jona V. Sales, Technical Assistant I at (02) 8632- 9935 or at [nutritionsupport@deped.gov.ph](mailto:nutritionsupport@deped.gov.ph)

7. This Office directs the immediate and wide dissemination of this Memorandum.

  
**DR. ARTURO B. BAYOCOT, CESO III**  
Regional Director

ATCH.: As stated  
To be indicated in the Perpetual Index  
under the following subject:

NUTRITION

ESSD/hannah



## Annex 1. Bulletin of Information



DepEd

Division Office

Region

DepEd Division Office

DepEd Division Office

### BULLETIN OF INFORMATION

#### I. RATIONALE:

The Department of Education (DepEd) Bureau of Learner Support Services (BLSS) scaled out the Integrated School Nutrition Model (ISNM) across the country in 2018. As of December 2020, ISNM is being implemented by 273 Lighthouse Schools (LS) from 220 SDOs across all 17 regions of the country. In order to help improve the nutritional status, knowledge, and attitudes of schoolchildren, as well as the year-round productivity of the school garden, DepEd has collaborated on the ISNM project with the International Institute of Rural Reconstruction (IIRR), the Department of Science and Technology - Food and Nutrition Research Institute (DOST-FNRI), and other organizations. Lighthouse Schools serve as learning hubs for other schools to learn about ISNM. They implement the integrated model of regular school feeding program with a well sustained bio-intensive garden, and school-based nutrition education activities.

In February 2022, an online work conference was held that was participated by 373 schools composed of 1,464 teachers, principals, supervisors, QPP coordinators, and development officers across the country. The one-day, 16-batch online work conference re-oriented the Lighthouse Schools in implementing the Integrated School Nutrition Model. Schools identified common challenges implementing ISNM in the context of the COVID-19 pandemic and their adaptation strategies to maintain the integration of school feeding, gardening, and nutrition education interventions amidst the new normal. A combination of face to face and online activities such as the use of social media for campaign and monitoring success of school programs; partnership building; and development of nutrition education materials were extended to the parents of learners at home during the pandemic. Community involvement, partnership and capacity strengthening activities for both teachers and parents were highlighted in the workshop discussions. Strengthening capacities and partnerships can sustain the integration of school feeding, gardening, and nutrition education extending it to the homes and communities.

#### OBJECTIVES:

The **Lighthouse Schools** Online Conference aims to validate the conducted Online Survey on the status and activities on agrobiodiversity conservation/promotion and school food environment for garden resilience and healthy diets. Specifically, at the end of the training, participants should be able to:

1. To discuss the opportunities of lighthouse schools and crop museums on promoting agrobiodiversity for improving garden resilience and dietary diversity; and
2. To discuss and understand the factors influencing behavior of learners on consumption of health food products within the school.

#### II. DATES AND VENUES:

**Date:**

**Venue:**

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- Nutritionist- Dietitian II, ESSO
- Project Development Officer, GPP Regional Coordinator
- Gulayan sa Paaralan (GPP) Division Focal person, SGOD
- School-based Feeding (SBFP) Division Focal person, SGOD
- School head, Lighthouse School (as the ISNM lead)
- Nutrition Education and Promotion Coordinator, Lighthouse School
- GPP Coordinator, Lighthouse School
- SBFP Coordinator, Lighthouse School

#### V. PROGRAM OF ACTIVITIES (3hrs per day)

The online work conference employs lecture presentations, discussions, and workshops to present the results of the previously conducted ISNM Online Work Conference in February 2022 and the Online Survey this December 2022. A discussion on the opportunities of lighthouse schools and crop museums on promoting agrobiodiversity will be assessed during the workshop discussion. It will validate the results of the recently conducted survey on the extent of agrobiodiversity of schools and its benefits on the diets of schoolchildren and garden resilience. Participants will be divided into breakout rooms to answer the given guide questions. Factors affecting the learners' behavior towards consumption of healthy foods within schools will be assessed. This will enable us to understand the quality, accessibility, and availability of healthy foods as started in DepEd Order No. 13 s. 2017, influencing their decision and choices on what to eat within the schools.

Time	Duration (min)	Proposed Program	Methodology	Resource Speaker
<b>Day 1</b>				
<b>8:30 – 8:50 AM</b>	20	Attendance and Pre-test  <b>Preliminaries</b> <i>Opening Prayer</i> <i>House Rules</i> <i>Opening Remarks</i>	Zoom Link  Video presentation PowerPoint	DepEd-SHD (Dra. Dumlaog) IIRR
<b>8:50 – 9:00 AM</b>	10	<b>Session Overview and Objectives</b>	PowerPoint	DepEd-SHD
<b>9:00 – 9:30 AM</b>	30	<b>2022 ISNM Conference and Survey Result Presentation</b>	Lecture Presentation	Ma. Shiela Anunciado IIRR
<b>9:30 – 9:40 AM</b>	10	<b>Ice Breaker Game</b>	Mini Games	DepEd
<b>9:40 – 10:40 AM</b>	60	<b>Workshop 1. Agrobiodiversity Conservation and Promotion in Schools</b>  Presentation of Workshop Guidelines and Guide Questions (5mins)  <i>Guide Questions:</i>	The host will share the workshop guidelines and guide questions.  Participants are divided into 5 breakout rooms with assigned facilitators from IIRR and DepEd. Participants will assign a reporter to	Facilitators DepEd (7pax) IIRR (4pax)

Time	Duration (min)	Proposed Program	Methodology	Resource Speaker
		1.What are the factors influencing the selection of crops to produce and utilize in schools and in communities? (20mins) 2.What are the challenges of the schools in conservation, collecting and utilization of indigenous fruits and vegetables? (20mins) 2.What are the strategies and best practices implemented for the promotion of Indigenous fruits and vegetables? (20mins)	share their answers in the plenary.	
10:40 – 11:10 AM	30	<b>Presentation of Workshop 1 Outputs</b>	Each group is given 5-min to present their outputs. After all the groups have presented, facilitators will provide feedback.	Participants
11:10 – 11:25 AM	15	<b>Q &amp; A</b>	Open Discussion	ALL
11:25 – 11:30 AM	5	<b>Announcements for Day 2 Sessions</b>	PowerPoint of the Day 2 activities.	IIRR
<b>Day 2</b>				
Time	Duration (min)	Proposed Program	Methodology	Resource Speaker
8:30 – 8:45 AM	15	Attendance House Rules Recall of Day 1 activities	Google Form Link Video presentation PowerPoint	DepEd
8:45 – 10:05 AM	80	<b>Workshop 2. School Food Environment</b>  Presentation of Workshop Guidelines and Guide Questions (5mins)  <i>Guide Questions:</i> 1. What are the available fresh foods (fruits and vegetables) and nutri-snacks are serve in schools? (20mins) 2. Where do you get your fresh food products? Where do you get your nutri-a-snacks? (20mins) 2. What are the factors influencing the availability of nutritious food meals and products served in schools? (20mins)	The host will share the workshop guidelines and guide questions.  Participants are divided into 5 breakout rooms with assigned facilitators from IIRR and Deped. Participants will assign a reporter to share their answers in the plenary.	Facilitators DepEd (3pax) IIRR (2pax)

Time	Duration (min)	Proposed Program	Methodology	Resource Speaker
		3. What mechanisms should be put in place to promote learners' consumption of healthy food products/meals in schools? (20mins)		
10:05 – 10:20 AM	15	Roulette Raffle	Raffle	IIRR
10:20 – 10:50 AM	30	Presentation of Workshop 2 Outputs	Each group is given 5-min to present their outputs. After all the groups have presented, facilitators will provide feedback.	Participants
10:50 – 11:00 AM	10	Q and A	Open Discussion	All
11:00 – 11:15 AM	15	Evaluation and Post test Distribution of E-certificates	Google Form Link Presentation of how participants can get e-certificates.	IIRR DepEd
11:15 – 11:20 AM	5	Closing Remarks	Recorded Video Message from IIRR	Emily Oro
END				

REGION X					₱280,000.00
219	Region X	Bukidnon	Bauzon	San Vicente ES	₱20,000.00
220	Region X	Cagayan de Oro City	Cagayan de Oro City West II District	Bulua Central School	₱20,000.00
221	Region X	Camarines	Mambalao	Quiboro ES	₱20,000.00
222	Region X	El Salvador	District I	Kalaog/Lebay ES	₱20,000.00
223	Region X	Gingoon City	Gingoon City West 2 District	Padre Malignan Integrated School - Derr	₱20,000.00
224	Region X	Iligan City	Iligan City West District	Sgt. Miguel Canoy MCS	₱20,000.00
225	Region X	Lanang del Norte	Kapatejan East	Kapatejan East CS	₱20,000.00
226	Region X	Marikina City	Marikina City District IV	Airport Village ES	₱20,000.00
227	Region X	Marikina Occidental	Benifacio West	Ulan CS	₱20,000.00
228	Region X	Marikina Oriental	Salay	Salay CS	₱20,000.00
229	Region X	Oroquieta City	Central District II	Lingayjan CES	₱20,000.00
230	Region X	Oranosa City	Oranosa City District II	Laba Central School	₱20,000.00
231	Region X	Tangay City	Tangay South District	Lorenzo San Antonio CS	₱20,000.00
232	Region X	Valencia City	District I	Valencia City Central School	₱20,000.00