



Republic of the Philippines
Department of Education
Region III
SCHOOLS DIVISION OF BULACAN

August 13, 2026

DIVISION MEMORANDUM

No. 315 s. 2026

**SKILLS ENHANCEMENT TRAINING ON GARDENING AND FISHERY PROGRAM
THROUGH HYDRO-AQUA PONICS**

To: Assistant Schools Division Superintendents
CID and SGOD Chiefs
Education Program Supervisors
Public Schools District Supervisors
Public Elementary and Secondary School Principals
All Others Concerned

1. In support to the Department of Education's thrust toward quality education, curriculum innovation, and graduates employability under Revised K to 12 Curriculum, this Office announces the conduct of Skills Enhancement Training on Gardening and Fishery Program through Hydro-Aqua Ponics on September 9-11, 2026 at 8 Waves Waterpark and Hotel, Ulingao, San Rafael, Bulacan.
2. The skills enhancement training is successfully complied with the standards and requirements in accordance with DepEd Memorandum No. 044, s. 2023 (Interim Guidelines for the Quality Assurance and Monitoring and Evaluation of NEAP Core Programs with Certification No. R3-PD-2026-0020-0120 aligned to DepEd program that make the curriculum relevant to produce job ready, active, and responsive citizens with 13.5 CPD Units per PRC-PTR-2024-501-12587. This skills training specifically aims to:
 - a. understand the principles and components of Hydroponics and Aquaponics System and their relevance to gardening and fishery education;
 - b. demonstrate setup and maintenance of basic hydro-aqua ponics system suitable for school-based instruction;
 - c. utilize technology tools and localized resources to enhance teaching and learning in EPP/TLE-Agri-Fishery Arts; and
 - d. foster collaboration with fellow educators, community, stakeholders, and industry partners.
3. The participants to this skills enhancement training are the select school heads, elementary and secondary school teachers assigned and teaching Agri-Fishery Arts in EPP/TLE/TechPro.
4. Participants are required to bring the following;
 - a. Laptop
 - b. Extension Wire
 - c. Pocket WIFI
 - d. Training Passport
5. Travel expenses of the participants shall be charged against school canteen funds and/or local funds while venue, meals and snacks, and Jeepney Hire to be incurred in this activity shall be charged against Division HRTD-INSET Funds subject to the usual and auditing rules and regulations.
6. Online Focal Group Discussion (FGD) of the Management Team, TWGs, and Resource Speakers will be on **August 28, 2026** (3:00 pm).



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7. This Memorandum serves as the Travel Authority of the participants. Attached are the activity matrix, list of the participants, program management team/TWGs, and resource speakers.
8. Wide and immediate dissemination of this Memorandum is earnestly desired.


CECILIA E. VALDERAMA, PhD, CESO VI
Schools Division Superintendent



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Enclosure to Division Memorandum No. ____ s. 2026: (Skills Enhancement Training on Gardening and Fishery Program through Hydro-Aqua Ponics)

ACTIVITY MATRIX

Date/Time	Activity	Persons Involve
Day 1 (September 9, 2026)		
7:30 AM	Registration	Management Team
8:30 AM	Opening Program (Invocation, National Anthem, Welcome Remarks)	Management Team/Proponent
9:00-10:00	Keynote Address	Top Management
10:00 - 10:30	Health Break	
10:30 - 12:00	Session 1 Basic Principles of Gardening and Plant Production	Gaudencio DA. Evangelista Master Teacher II FFHNAS
12:00 - 1:00	Lunch Break	
1:00 - 2:30	Session 2 Basic Principles of Fish Production	Melinda B. Bonagua Teacher Caypombo HS
2:30 - 3:00	Health Break	
3:00-5:00	Session 3 Introduction to Hydroponics and Aquaponics	Dr. Joel I. Vassallo EPSvr SDO Bulacan
Day 2 (September 10, 2026)		
8:00-8:30	Management of Learning (MOL)	Management Team
8:30-10:00	Session 4 Hydroponics Benefits and Application in School Setting (Nutrient Film Technique)	Richard B. Bernabe OIC/HT VI BNAHS-Annex
10:00 - 10:30	Health Break	
10:30 - 12:00	Session 5 Hydroponic Farming using Kratky Method	Oliver M. Mangao OIC/School Head Daungan ES
12:00 - 1:00	Lunch Break	
1:00 - 2:30	Session 6 Basic Aquaponic Design and School-Based Project Planning	Clifford T. Sinsuan Head Teacher III Obando SF
2:30 - 3:00	Health Break	
3:00-5:00	Session 7 Technology Integration in Agri-Fishery Instruction	Erica D. Angeles Teacher Akle HS
Day 3 (September 11, 2026)		
8:00-8:30	Management of Learning (MOL)	Management Team
8:30-12:00	BENCHMARKING ACTIVITY	1. Metro Pacific Fresh Farm Salapungan, San Rafael 2. Balagtas NAHS Balagtas, Bulacan 3. Mang Danny'S Organic and Natural Farm Paombong, Bulacan 4. Green Pastures Hydroponics Guiguinto, Bulacan
12:00 - 1:00	Lunch Break	
1:00 - 3:00	Presentation of BEST Practices (DOST-Best School Garden)	Teresita A. Chan Emmalyn Y. Faustino Sapang Putik ES
3:0 - 3:30	Health Break	
3:30-5:00	Closing Program/Awarding of Certificates	Management Team



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LIST OF PARTICIPANTS

NO.	NAME	SCHOOL	POSITION
ELEMENTARY			
1	Ronnell S. Godoy	Tabang Elem. School	Teacher III
2	Froilan Y. Apolonio	Sta. Ines Elem. School	Teacher III
3	Maricel R. Salazar	Arsenio Santos Memorial ES	Teacher III
4	Karene O. Gutierrez	Meyto Elementary School	Teacher III
5	Antonio R. Tobias Jr.	Northville 9 ES	Teacher III
6	Alexander S. Sabado	San Marcos ES	Teacher III
7	Marjoel M. Samera	Hagonoy East C/S	Teacher III
8	Gerardo M. Bautista Jr.	San Pablo E/S	Teacher III
9	Mylene R. Santos	Don Miguel Elementary School	Teacher III
10	Imelda B. Ramirez	San Jose Elementary School	Principal I
11	Catherine D. Baker	Sto. Rosario Elementary School	Teacher I
12	Perlita C. Gualberto	San Jose Elementary School	Teacher II
13	Jonas Dickinson M. Sampana	Balatong Elementary School	Teacher I
14	Danmer B. Abi	Inaon Integrated School	Teacher III
15	Jeffry P. Lopez	Cambaog E/S	Teacher III
16	Gary R. Divino	San Pedro E/S	Teacher III
17	Jayvic S. Parungo	Bintog Elementary School	Master Teacher I
18	Marcon B. Evangelista	Lumang Bayan ES	Teacher III
19	Princess I. Dela Torre	Camachile Elementary School	Teacher III
20	Edrian M. Salcedo	Duplas Elementary School	Teacher I
21	Gerardo C. Sevilla	Bubulong Munti ES	Principal III
22	Jubert Cezar P. Serrano	San Ildefonso ES	Teacher II
23	Ferdinand S. Sulit	Gabihan Elementary School	Principal II
24	Angelo G. Angeles	Malipampang ES	Teacher III
25	Romano V. Vjuan	San Miguel North CS	Teacher III
26	Rivan M. Dela Cruz	Calumpang Elementary School	Teacher I
27	Randy Q. Maniquiz	Masalipit Elementary School	Teacher I
28	Ruel P. Bautista	Bantog Elementary School	Teacher I
29	Michael L. Adriano	San Vicente Elementary School	Teacher II
30	Gina P. Flores	Sta. Rita Elementary School	Teacher I
31	Arnold I. Vicho	Coral na Bato ES	Master Teacher I
32	Ar Jhay P. Balarao	Tukod Elementary School	Teacher III
33	Mark Jerard B. Inductivo	Maguinao Elementary School	Teacher I



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34	Ronald Riccel L. Fajardo	San Roque Elementary School	Teacher I
35	Mary Grace A. Reyes	Sta. Rosa I Elementary School	Teacher III
36	Jennifer V. Datig	Sta. Rosa II Elementary School	Teacher III
37	Den Mark A. Peligro	Lambakin Elementary School	Teacher I
38	Ronald D. Mercader	Lambakin ES – Annex	Teacher I
39	John Ponce A. Santiago	Catanghalan Elementary School	Teacher II
40	Crispin C. Renomeron	Paco Elementary School	Teacher I
41	Ronel G. Dela Concepcion	Northville VI ES	Master Teacher I
42	Melanie C. Raneses	Borol I ES	Teacher I
43	Mark Lehi R. Amar	Duhāt Elementary School	Teacher III
44	Reynaldo C. Santiago	Northville V Elementary School	Teacher III
45	Joel T. Divinagracia	Tabang Elementary School	Teacher III
46	Joel S. Eusebio	Tabang Elementary School	Teacher III
47	Julie Ann V. Intacto	Pandi Residences ES	Teacher I
48	Charles Philip F. Jose	Matias B. Salvador MES	Teacher I
49	Jay-Lord G. Angeles	San Antonio Abad ES	Teacher 1
50	Benny B. Santiago	Cacarong Elementary School	Teacher 1
51	Walter Phillp SP. Palad	Baybay Elementary School	School Principal I
52	Charlie A. Rivera	Osias M Esteban ES	Master Teacher 1
53	Jerome J. Bautista	North Hills Village ES	Teacher III
54	Restie C.De Vera	Norzagaray ES	Teacher III
55	Maxfil P. Lapig	Sta. Cruz ES	Teacher III
56	Felipe A. Oyson Jr.	Miguel M. Cruz MS	Teacher I
57	Leomar T. Aspa	Bagbaguin ES	Teacher I
58	Julius M. Bantolo	San Gabriel ES	Teacher 1
59	Jennylyn P. Catahan	Balasing Elementary School	Teacher III
60	Nathaniel N. Almojera	Cay Pombo ES	Teacher I
61	Jefrey B. Ventura	Padling Elementary School	Master Teacher I
62	Armando D. Abella	Timoteo Policarpio MES	Teacher III
63	Juanita S. Galvez	Pasong Callos Elementary	Teacher III
SECONDARY			
64	Joyce Anne M. Domingo	Bajet-Castillo High School	Teacher III
65	Christian S. Regalado	Calumpit National High School	Teacher I
66	Belinda G. Ramos	Caniogan High School	Teacher II
67	Loreta V. Victoria	Dampol 2nd National HS	Head Teacher I
68	Maria Juliet C. Fuertes	Dona Candelaria MDNHS	Teacher III
69	Donna Vele D. Manego	Dulong Malabon Integrated S	Teacher III



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70	Michelle V. Tapic	Engr. Virgilio V. Dionisio Mhs	Teacher I
71	Ryan M. De Vera	Frances National Hs	Master Teacher I
72	Maria Aiza G. De Guzman	Gen. Gregorio Del Pilar Is	Head Teacher III
73	Floressa C. Perez	Iba National High School	Teacher I
74	Lady Dianne L. Cruz	Inaon Integrated School	Teacher I
75	Irminda I. Clemente	Kapitangan NHS	Teacher II
76	Raquel R. Concepcion	Pinalagdan HS	Teacher III
77	Dennis C. Mateo	Ramona S. Trillana HS	Master Teacher I
78	Jelly G. Cuerda	Romeo Acuna Santos MHS	Teacher III
79	Alona A. Catindig	San Francisco Xavier High School	Teacher III
80	Ofelia D. Bacalso	San Miguel Meysulao High School	Teacher II
81	Manuel A. Del Rosario	San Pedro National High School	Teacher III
82	Juanita S. Galvez	San Roque National High School	Teacher III
83	Jun C. Vidal	Sta. Cruz National High School	Teacher III
84	Bernardo B. Victorino	Sta. Lucia National High School	Teacher I
85	Ma. Divinia G. Tolentino	Sta. Monica National High School	Teacher II
86	Enrile D. Peralta	Sta. Peregrina High School	Teacher III
87	Lorena A. Pineda	Talipit National High School	Head Teacher III
88	Laura V. Meneses	Alexis G. Santos Nhs	Teacher III
89	Jason B. Soriano	Cambaog National High School	Teacher I
90	Camille S. Buena	Dr. Pablito V. Mendoza Sr. HS	Teacher III
91	Jona Liz F. De Leon	Aguinaldo J. Santos Nhs	Teacher III
92	Helbert M. Legaspi	Dampol 1st National High School	Teacher I
93	Alvin C. Pelayo	Dr. Felipe National High School	Teacher III
94	Angelita S. Trinidad	Bulihan High School	Teacher I
95	Anjellica J. Martin	Banga High School	Teacher I
96	Ma. Crisanta J. Perez	Jaime J. Vistan High School	Teacher III
97	Alma Fe Sa. Cipcon	Jose J. Mariano Memorial HS	Teacher II
98	Brian Joseph T. De Guzman	Catacte Integrated School	Teacher VI
99	Nemesio B. De Silva	Laura De Leon Halili High School	Head Teacher
100	Rochelle M. Castro	Sapang Bulac High School	Teacher III
101	Meriza O. Tagalag	Talbak High School	Teacher III
102	Mary Mae M. Polka	Esteban Paulino High School	Teacher I
103	Ma. Cyrra G. Doria	Kalayakan High School	Teacher I
104	Arlene I. Lazaro	Pinag-Anakan Integrated School	Master Teacher I
105	Lorna M. Victoria	Calawitan Nhs	Teacher I
106	Daisybel C. Reyes	Akle High School	Teacher III



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107	Maria Fe C. Gumafelix	San Ildefonso National HS	Master Teacher II
108	Irene V. Corpuz	Gabihan High School	Teacher I
109	Estefhany S. Velacha	Upig High School	Teacher III
110	Clarimel C. Obelidor	Sta Catalina Bata Nhs	Teacher -III
111	Czarah Lhin S. Rivera	San Miguel National High School	Teacher II
112	Elenita R. Amante	Partida National High School	Teacher III
113	Aris F. Manalo	John J. Russell Memorial HS	Teacher-I
114	Jeanis P. Cruz	Vedasto R. Santiago High School	Teacher III
115	Maricel H. Maglaque	Emilia Perez Ligon High School	Teacher I
116	Ma. Crispina F. Sy	Carlos F. Gonzales High School	MT I
117	Carmencita M. Santiago	San Rafael National Trade School	Teacher III
118	Alvin A. Valderueda	Maronquillo National High School	Teacher III
119	Marilyn Sp. Calanoc	Salapungan National High School	Teacher III
120	Reynalyn R. Torres	Lydia D. Villangca Trade School	Teacher I
121	Mark Angelo C. Castillo	AFGBMTS	Teacher II
122	Jessie Ocenar	Heritage Homes Integrated School	Teacher I
123	Beverly A. Toñacao	Marilao Central Integrated School	Teacher I
124	Rosalie R. Ramos	Obando National High School	Teacher III
125	Maricris H. Antonio	Obando School Of Fisheries	Teacher II
126	Albert I. Rosco	Prenza National High School	Teacher I
127	Angela Nikka B. De Castro	Obando Senior High School	Teacher III
128	Louie B. Angeles	Balagtas National AHS	Teacher III
129	Emmanuel Q. Alejo	Balagtas National AHS-Annex	Teacher I
130	Victor Iii V. Intacto	Gat Francisco Balagtas HS	Master Teacher I
131	Juan Paulo G. Bernardo	Batia High School	Teacher III
132	Doris L. Pagtalunan	Lolomboy National HS	Master Teacher II
133	Junycel B. Dablo	Taal High School	Teacher III
134	Darwin C. Samaniego	Iluminada Roxas Mendoza MHS	Teacher I
135	Diana E. Damiray	Felizardo C. Lipana NHS	Teacher I
136	Edmond E. Rubio	Guiguinto National VHS - Main	Teacher I
137	Uriah-Zoe C. Raymundo	Guiguinto National VHS- Annex	Teacher III
138	Leo D. Crisostomo	Tiaong National High School	Master Teacher I
139	Ronaldo B. Castillo	Bunsuran National High School	Teacher III
140	Cherie D. Victorino	Masagana High School	Teacher III
141	Melanie F. Prudenio	Virginia Ramirez-Cruz NHS	Master Teacher II
142	Noime G. Arcalas	Mapulang Lupa High School	Teacher I
143	Nancy Dc. Sta. Rita	Pinagkuartelan Integrated School	Teacher I



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144	Marissa R. Silverio	Pandi Heights Integrated School	Teacher I
145	Mary Jane H. Lopez	Angat National High School	Teacher I
146	Marynette H. Manzo	Angel M. Del Rosario High School	Teacher III
147	Jennilyn H. Pangilinan	Binagbag National High School	Teacher I
148	Fvr National High	Fvr National High	Teacher III
149	Pamela Mae P. Martizano	Julian B. Sumbillo High School	Teacher I
150	Angelo S. Roque	Matictic Integrated School	Teacher I
151	Neri S. Cañotillo	Minuyan National High School	Teacher IV
152	Daniel S. Sarmiento Jr.	National Power Corporation HS	Teacher III
153	Jenilyn V. Catalan	North Hills Village High School	Teacher I
154	Maribeth San Gabriel	Norzagaray National High School	Teacher III
155	Melvin M. Paulino	Pres. Diosdado P. MMHS	Teacher I
156	Allan T. Hernandez	Catmon National High School	Teacher I
157	Roger R. Cayao	F.F. Halili NAHS (Main)	Teacher II
158	Adonnis C. Cabiten	FFHNAS Mag-Asawang Sapa HS	Teacher III
159	Roel Dela Cruz	Parada National High School	Teacher III
160	Joel Angeles Fababier	Pulong Buhangin National HS	Teacher I
161	Flordeliza T. Gumasing	San Gabriel National High School	Teacher I
162	Sheena Carla A. Dionisio	Sta. Cruz High School	Teacher I
163	Joseph D Tejada	Sta. Maria National High School	Teacher I
164	Edwin SA. Dalisay	Cay Pombo National High School	Teacher I
165	Roel Dela Cruz	SHS Within Luis Gravador E.S.	Teacher III
167	Ma. Lourdes C. Valondo	Virginia Ramirez-Cruz NHS	Principal IV
168	Lovelyn G. Francisco	Virginia Ramirez-Cruz NHS	Teacher II

PROGRAM MANAGEMENT TEAM

1. Cecilia E. Valderama, PhD, CESO VI	SDO BULACAN	Schools Division Superintendent
2. Maria Celina L. Vega, CESO VI	SDO BULACAN	Assistant Schools Division Superintendent
3. Cecilia S. Custodio, PhD	SDO BULACAN	CID Chief
4. Joel I. Vasallo, PhD	SDO BULACAN	Education Program Supervisor/ Proponent
5. Ma. Lourdes J. Patag	SDO BULACAN	SEPS, SMME
6. Cristian M. De Guzman	SDO BULACAN	SEPS, HRD
7. Two (2) Nurses	SGOD	HNU



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LISTS OF RESOURCE SPEAKERS

1. Joel I. Vasallo, PhD	SDO BULACAN	EPSvr
2. Gaudencio DA Evangelista	FFHNAS-Main	Master Teacher II
3. Melinda B. Bonagua	Caypombo HS	Teacher
4. Richard B. Bernabe	Balagtas NAHS-Annex	OIC/HT VI
5. Oliver M. Mangao	Daungan ES	OIC/School Head
6. Clifford T. Sinsuan	Obando SF	Head Teacher III
7. Erica D. Angeles	Akle HS	Teacher

TECHNICAL WORKING GROUP

1. Joel I. Vasallo, PhD	SDO Bulacan	Chairman
2. Romy Boy C. Punong Bayan	San Roque NHS	Co-Chairman
3. Bernardino S. Facun	Angat NHS	Co-Chairman
4. Clarissa DC Flores	Iba NHS	Co-Chairman
5. Keith Richard R. Hernandez	Balagtas NAHS	Co-Chairman
6. Christian S. Santos	San Miguel NHS	Co-Chairman