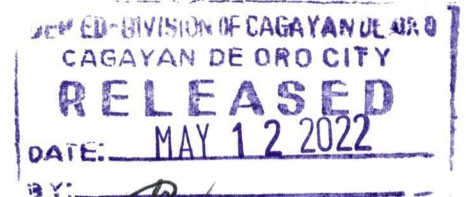




Republic of the Philippines
Department of Education
REGION X
DIVISION OF CAGAYAN DE ORO CITY



Office of the Schools Division Superintendent

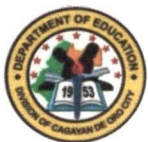
May 10, 2022

Memorandum
No. 176 s. 2022

**TRAINING-WORKSHOP ON SCIENCE PEDAGOGY AND AUTHENTIC
ASSESSMENT IN BLENDED LEARNING DELIVERY MODEL FOR TEACHERS'
PROFESSIONAL DEVELOPMENT**

**TO: EDUCATION PROGRAM SUPERVISOR- SCIENCE
CONCERNED PROGRAM HOLDER
CONCERNED PUBLIC SCHOOLS DISTRICT SUPERVISORS
CONCERNED ELEMENTARY AND SECONDARY SCHOOL HEADS
CONCERNED ELEMENTARY AND SECONDARY TEACHERS
This Division**

1. This office through the Curriculum Implementation Division shall conduct an in-person Division Training-Workshop on Science Pedagogy and Authentic Assessment in Blended Learning Delivery on May 26-27,30, 2022 (Elementary) and on May 31, June 1-2, 2022 (Secondary) at Hotel Conchita, Cogon, Cagayan de Oro City.
2. Each participant is required to bring a laptop, extension cord, pocket wifi, pens, marking pens, science curriculum guide/MELC, and references.
3. To ensure the smooth conduct of the said activity, there will be a coordination meeting of all training facilitators and resource speakers for quality assurance on the training matrix, session guide, and slide decks on May 23, 2022 (1:00 PM) via an online platform.
4. Attached is the List of Participants, Resource Speakers, Learning Facilitators, and Technical Working Committee.



Address: Fr. William F. Masterson Avenue, Upper Balulang, Cagayan de Oro City
Telephone: (08822) – 8550048



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5. In compliance with the IATF guidelines, all participants shall ensure that safety health standards are strictly followed/observed at all times. All personnel involved must wear facemasks and must observe social distancing.
6. Travel and other incidental expenses shall be charged against local funds while meals and snacks shall be charged to downloaded funds from HRTD Program Support Funds subject to the usual government accounting and auditing rules and regulations
7. This Office promotes Equal Opportunity Principle (EOP). Thus, inclusive, and fair treatment shall be accorded to all participants regardless of disability, sexual orientation, gender, age, religion, and ethnicity.
8. Immediate and wide dissemination of this memorandum is desired.

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CHERRY MAE LIMBACO-REYES, PhD., CESO V
Schools Division Superintendent *gr*

To be indicated in the Perpetual Index under the following subjects:
Science/Teachers' Professional Training
cid/jsm



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**TRAINING-WORKSHOP ON SCIENCE PEDAGOGY AND AUTHENTIC ASSESSMENT IN BLENDED
LEARNING DELIVERY MODEL FOR TEACHERS' PROFESSIONAL DEVELOPMENT**

LIST OF FACILITATORS AND RESOURCE SPEAKERS

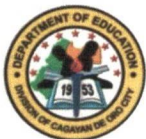
May 26-27,30, 2022

Elementary

No.	Name	Designation	Roles and Responsibilities	Assignment/Topic
1	JEAN S. MACASERO	EPS	Focal Person	
2	MILAGROS P. RECAMADAS	PSDS	Facilitator/TWG	Grade 3
3	SHIRLEY A. MERIDA	PSDS	Resource Speaker/Facilitator	Grade 4 GRASPS: An Authentic Assessment
4	JINKY M. ARNEJO	PSDS	Resource Speaker/Facilitator	Grade 5 Science Teacher in and beyond the pandemic
5	MARK JOHN T. GABULE	MT/Program Holder	Resource Speaker/Facilitator	Grade 6 Connecting School and Community with Science learning:
6	ELEANOR H. ROLLAN	SEPS	M&E	Monitoring and Evaluation
7	JESSICA JOY HINACAY	P-I	Resource Speaker/Facilitator	Grade 3 Basic Science Process Skills
8	JENITH BALSICAS	P-III	Facilitator/TWG	Grade 4
9	CANDOLYN QUILET	P-I	Facilitator/TWG	Grade 5
10	JEMUEL GALAY	HT-III	Resource Speaker/Facilitator	Grade 6 Science Approaches and Pedagogies
11	RYAN Z. ROA	T-III/SCCS	Resource Speaker	Augmented Reality in Teaching Science
12	ELLEN AURORA DAGANI	T-III/Tablon ES	Resource Speaker	7 E's Model in Teaching Science
13	LEAH LYN A. LINGATONG	T-III/CDONHS	Resource Speaker	Sci-Fun@Home: Utilizing Home-Based Activities to develop 21 st Century Skills among Students
14	RONIELYN REYES	T-III/CCS	Resource Speaker	4A's Model in Teaching Science
15	RUBYLINDA E. PERALTA	T-III/CDONHS	Resource Speaker	ICT-based Technologies in Teaching Science
16	BAYANI ROTURAS Jr.	T-III/SCCS	Resource Speaker	Teaching Science across Curriculum in the New Normal
17	MARIDELYN D. GUMONAN	T-III/Dansolihon NHS	Resource Speaker	Sci-Comics: It's important to teaching and learning.
18	KRISTINE MAE A. LIBOT	T-III/CDONHS SHS	TWG	
19	RONILO BONGGA	T-II/CDONHS SHS	TWG	

Prepared by:


JEAN S. MACASERO, PhD
EPS- Science



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**TRAINING-WORKSHOP ON SCIENCE PEDAGOGY AND AUTHENTIC ASSESSMENT IN BLENDED
LEARNING DELIVERY MODEL FOR TEACHERS' PROFESSIONAL DEVELOPMENT**

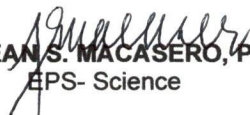
LIST OF FACILITATORS AND RESOURCE SPEAKERS

May 31, June 1-2, 2022

Secondary

No.	Name	Designation	Roles and Responsibilities	Assignment/Topic
1	JEAN S. MACASERO	EPS	Focal Person	
2	MILAGROS P. RECAMADAS	PSDS	Facilitator/TWG	Grade 7,8
3	SHIRLEY A. MERIDA	PSDS	Resource Speaker/Facilitator	Grade 7,8- GRASPS: An Authentic Assessment
4	JINKY M. ARNEJO	PSDS	Resource Speaker/Facilitator	Grade 7,8 Science Teacher in and beyond the pandemic
5	MARK JOHN T. GABULE	MT/Program Holder	Resource Speaker/Facilitator	Grade 9,10 Connecting School and Community with Science learning:
6	ARNOLD LANGAM	School Head	Facilitator/TWG	Grade 9, 10
7	EVELYN Q. SUMANDA	P-II	Resource Speaker/Facilitator	Grade 9,10/Science Approaches and Pedagogies
8	MARVIN ANTHONY RAMOS	P-III	Resource Speaker/Facilitator	Grade 9,10 Basic Science Process Skills
9	RYAN Z. ROA	T-III/SCCS	Resource Speaker	Augmented Reality in Teaching Science
10	MARITES BATION	T-III/BALULANG NHS	Resource Speaker	7 E's Model in Teaching Science
11	LEAH LYN A. LINGATONG	T-III/CDONHS	Resource Speaker	Sci-Fun@Home: Utilizing Home-Based Activities to develop 21 st Century Skills among Students
12	LENETH G. UDARBE	T-III/LAPASAN NHS	Resource Speaker	4A's Model in Teaching Science
13	RUBYLINDA E. PERALTA T-III/CDONHS Resource Speaker			ICT-based Technologies in Teaching Science Teaching Science across Curriculum in the New Normal
14	MARIDELYN D. GUMONAN	TIII/DANSOLIHON NHS	Resource Speaker	Sci-Comics: It's important to teaching and learning.
15	KRISTINE MAE A. LIBOT	T-III/CDONHS SHS	TWG	
	RONILO BONGGA	T-II/CDONHS SHS	TWG	

Prepared by:


JEAN S. MACASERO, PhD
EPS- Science




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Telephone: (08822) – 8550048

LIST OF PARTICIPANTS - ELEMENTARY

DISRICT	KEY STAGE 1			KEY STAGE 2				
	GRADE III		GRADE IV		GRADE V		GRADE VI	
	SCHOOL	NAME OF TEACHERS	SCHOOL	NAME OF TEACHERS	SCHOOL	NAME OF TEACHERS	SCHOOL	NAME OF TEACHERS
EAST II	Agusan ES	ANTONIETA H. MACABODBOD	Puerto ES	Gemma A. Yano	Linangohan	Winsper Love A. Orlanes	Bugo CS	Mila C. Gonzales
	Suntingon ES	BONGALES, MARILOU JEAN B	Bugo CS	NERMALYNE R. BUENO	Agusan ES	MARILOU O. ORINAY	Tablon	THELMA D. MAGSINO
	Palalan ES	Tessy Ballisca	Suntingon ES	Eric Go	Balubal ES	Maricar M. Ceballos		
EAST I	Cugman ES	Roxanne P. Falle	Gusa Es	Oda Vente	Malasag ES	Maribeth Montejo	FS Catanico ES	Rowena N. Zulita
	East CCS	Maricer C. Caralde	Cugman ES	Rolando T. Fuego	Bugo CS	MORIAL, RIZA JO B.	East CCS	Mariesol T. Besira
	Gusa EC	Dinah Fe Laurente					Camansi ES	Hafainah I. Condarán
NORTH I	St. John ES	Agnes E. Salise	Consolacion ES	Paragoso, Cleo Marie T.	NCCS	Libres, Ailiene P.	Macabalan ES	Salazar, Sharon
	Consolacion ES	Helyn G. Layug	Macabalan ES	Ponce, Lovely B.	Consolacion ES	Elorde, Almira N.	St. John ES	Amorelle Sharon O. Aleman
	Macabalan ES	Ludena B. Camance	NCCS	Trinidad, Maricris B.				
NORTH II	Bonbon ES	Norma C. Gahit	Bayabas ES	Sheila T. Pacatang	Bayabas ES	13.) Regina B. Saliring	Kauswagan ES	19.) Maria Cecilia G. Labata
	Bonbongon ES	Queenie Mariz L. Gabule	Bonbongon ES	Betty O. Balanay	Kauswagan ES	18.) Mary Ann A. Galope	Bonbon ES	5.) Hermie D. Abueva
	Kauswagan NHS	Hannah Lou Dyan L. Lagsa						
SWI	Lumbia CS	Leaveline Dechos	Kiam-is	Jean mae Bernados	Baluarte ES	Jorita Beloria	Tumpagon	Cherry Mae Abad
	Pigsag-an ES	Joje Rose Jagmoc	Batinay	Nove Sucatre	Tumpagon	Juvelyn Sajulga	Lumbia CS	Hildegardes Dechos
	Tuburan ES	Juleus Apus	Taglimao es	Meriam Panis				
SWII	Man-Ai ES	Joralyn Tutud	Cadayonan	Jessa Mie Lacar	Mambuaya	Armie Jean Nacalaban	Mangalay ES	Jeanice A. Estoque
	Besigan ES	Lea Pearl S. Clar	Bayanga	Renato Civil	Dansolihon	Gina H. Mata	Iba ES	Joyce Carmel Martinez
							Balongkot IS	Aida N. Maglente
	Dunguan ES	Ginesa P. Dela Cruz	Upper Tigna	Jeanne G. Pairat	Lower Tigna	Paula Mae Escabusa	Midkiwan	Jane P. Masucol
WI	Sacred Heart ES	Annalyn A. Bugash	wccs	Pahapay, Cherry Lou Z.	Upper Carmen	Mr. Romeo B. Asne	WCCS	Lyn T. Gamotin
	Macanhan ES	Merlyn Larioque	FWMES	Araceli V. Roda	FWMES	Elaine Grace M. Quijada	Macanhan ESMil	Mildred Rejas
	Balulang ES	Rosenda B. Baliling						
WII	Camp Evangelisata E	Virginia Jamin	Bulua CS	Jee Jean Libre	Iponan ES	Ma. Imelda B. Cantos	Canitoan ES	SARAH JANE PACTO
	PNROA ES	Ruby Neri	GL Reyes ES	Lenyvic P. Cabactulan	FILCHI ES	Marjorie G. Ngoho	Pagatpat ES	Krystal Tacandong
	Bulao ES	Milaluchi Tambeling	Pamalihi	Marie Louise V. Kilem	San Simon	FREGGIE MADERAL	Baikingon ES	ANNA MARIS SULAPAS
Central	Corrales ES	Jenneth Bollozos	City Central School	DOLITA A. PAYAT	City Central School	JUDITA M EDROTE	City Central School	HAZEL R.TALIP
	City Central School	Karen Lyn T. Fronteras	Corrales ES	MRS. MARIA CRISTINA FABRIA	Corrales ES	MRS. HELEN CAGASAN	Corrales ES	MRS.CRYSTAL CABABARROS
	City Central School	Imelda M. Quipanes						
South	South CCS	Nelby Macalaguig	Taguanao	Chrissoula Neri	Indahag ES	Evangeline Zuluga	SCCS	Jeanelyn M. Sacal
	Camaman-an ES	Cherry Ivy Aspiras	Kamakawan	Anielle Gorres	Habitat Campu	Janice C. Mata	Camaman-an	Irish Barria
	Macasandig ES	Carmela G. Ravago						
	Total	30		25		23		24


Prepared by:


JEAN S. MACASERO, PhD
 EPS- Science

LIST OF PARTICIPANTS - SECONDARY

DISRICT	KEY STAGE 1				KEY STAGE 2			
	GRADE VII		GRADE VIII		GRADE IX		GRADE X	
	SCHOOL	NAME OF TEACHERS	SCHOOL	NAME OF TEACHERS	SCHOOL	NAME OF TEACHERS	SCHOOL	NAME OF TEACHERS
EAST II	Bugo NHS	Rosalie R. Sawanga	Balubal NHS	RIA RAMAS	Puerto NHS Agusan	Melody A. Akiatan Judith L. Titular	Tablon	JESTONI M. TALLE
EAST I	FS Catanico NHS Lapasan NHS	Shiela Janne N. Roxas Arnel Ebio	Gusa RSHS	Joan P. Ohay	East Gusa NHS	Jennifer R. Narvasa	Cugman NHS	Rowena C. Cuyuca
NORTH I	Puntod NHS	SOGOC, LUCY P.	Macabalan NHS	BACAN, GENE S.	Macabalan NHS	TABALDO, HAZZELEL S.	Puntod NHS	MONTE, MARY LOURDES A.
NORTH II	Bonbn NHS	Irene Kris Lanterna	Kauswagan NHS	Luvilla Dagatan	Kauswagan NHS	April Grace Potulan	Bayabas NHS	Juliet Lacson
SWI	Tagpangi NHS Tuburan NHS	Hermima Ursabia Gezziel Mondejar	Taglimao NHS	Mary Els Markines	Tuburan NHS	Maricel Estrosos	Lumbia NHS	Juneza Quinal
SWII	Bayanga NHS Dansolihon NHS IBA IS	Giselle Canoy Rose Meryl Fraga Jay-Ar C. Labajan	Man-ai NHS Cadayunan IS Balongkot IS	Ellen Joy S. Tibalan Brayn Carl T. Cabulao Mary Claire T. Villamor	Besigan NHS Dungoan NHS Midkiwan IS	Kimmy Grace M. Tun-anan Reygim B. Santaan Jojo Jimenez	Mambuaya Tignapoloan NHS	Amy Marie Radoc Kharodin Dave Gabule
WI	Balulang NHS	Jennifer D. Neri	Carmen NHS	Phoebe Waga,	Balulang NHS	Mercygel R. Dangel	Carmen NHS	Gina Lamparas,
WII	Bulua NHS Pagatpat NHS	Venus Joy B. Buagas Ngitngit, Madeleine J.	Patag NHS Canitoan NHS	Kim S. Casiño Lorina E. Morado	Iponan NHS San Simon NHS	MICHELLE JANE R. WONG Rico Medija	Baikingon IS PNROA NHS	Velijun D. Perez Marife R. Gultia
South	Macasandig NHS	Amolar A. Arnold	Camaman-an NHS Macapaya Annex	Marisol J. Del Rosario Marnie Altohan	Indahag NHS	Lloyd T. saladaga	CDONHS JHS	Jacqueline G. Gasatan
Total		14			13			13
		11						

Prepared by:


JEAN S. MACASERO, PhD
 EPS- Science

Enclosure

**TRAINING MANAGEMENT COMMITTEE
Technical Working Committee**

Planning Committee	Name	Specific Duties/Functions/Roles
Chairman	Jean S. Macasero	<ul style="list-style-type: none"> • Providing input to the development of the training, including the evaluation strategy; • Identifying potential risks; • Monitoring risks; • Monitoring timelines, and • Monitoring the quality of the training as it develops. • Oversee the topic matrix, schedule and program flow.
Co-chairman	Sec- Marvin Anthony Ramos Elem- Jessica Joy Hinacay Kristine Mae Libot	
Technical Committee		<ul style="list-style-type: none"> • Provide technical input and advice on the process flow of training, methodologies and priorities of the training. • Undertake specific technical assignments to every session room. • Monitor and support the development and release progress of the training with consideration of IATF Protocols etc. • Recommend technical priorities to training management committee heads and to the members through a conduct of reflection session at every end of the daily sessions. • Track the latest discussions and current state on the implementation of training specifically to each session proper.
Chairman	Evelyn Q. Sumanda	
Co-chairman	Sec- Arnold Langam Elem- Jenith Balsicas Ronilo Bongga	
ICT Committee		<ul style="list-style-type: none"> • To conduct inspection to every session room on the functionality of the AVP media such as projectors, sound system, 2 microphones (1 for speaker,1 for participants during Q and A/Open forum) • To compile ahead of time all the recorded videos to be used for the 3-day training. • Video recorded messages of speakers must be made available to every session room and shall be closely coordinated with the session manager. • To capture photos/videos to every salient part of the program and to include session rooms. • To present slide show of captured photos/videos (real time event) during lunch/break time. • To prepare google drive link of all captured photos and videos from day 1 to day 3.
Chairman	Jemuel Galay	
Co-Chairman	Arnold Langam	
Certificates and Awards		<ul style="list-style-type: none"> • To layout design and text citation of certificates for resource speakers, TWGs and participants. Deadline of template is on March 14. • To make sure the correct spelling of names and other details. • To prepare printed certificates ahead of time before the distribution during closing program. • To prepare official lists of participants, TWGs and resource speakers as attachment of the certificates before SDS will sign. • To prepare or generate e-certificates as plan B if the printed copies are not available.
Chairman	Jenith Balcicas	
Co-Chairman	Ronilo Bonnga	

		<ul style="list-style-type: none"> To prepare printer and shall be available in the training venue with all the accessories.
Registration/Attendance/e-Link Attendance & evaluation		<ul style="list-style-type: none"> To prepare attendance sheets (hard copy) duly accomplished throughout the 3-day training. To prepare google forms for e-attendance and functional bitly link. To prepare e-link for the daily evaluation. To prepare the general results and finding of the evaluation per day. To facilitate the pretest and posttest assessment.
Chairman	Evelyn Q. Sumanda	
Co-Chairman	Ronielyn Reyes	
SUB-COMMITTEE	Ellen Aurora Dagani	
Presentation Materials of Resource Speakers		<ul style="list-style-type: none"> To harness all the presentation materials (PPT, handouts, worksheets, videos etc) of each speaker through easily accessible folders via google link. To create a repository link and organize folders with proper lab To create a link shortener via bitly or tinyurl. Deadline of complete training materials is on March 15, 2022
Chairman	Jessica Joy Hinacay	
Co-Chairman	Leneth G. Udarbe	
CVs/Resume of Resource Speakers and Assessment Test Items		<ul style="list-style-type: none"> To compile all the Curriculum Vitae's/Resume' of all resource speakers and printed in hard copy ready for the submission of attachments to NEAP etc. To prepare Bio note/synopsis of each resource speakers for the introduction during the presentation of speakers. To consolidate all the test items prepared by the speakers for the pretest and posttest assessment.
Chairman	Bayani Roturas	
Co-Chairman	Maridelyn Gumonan	
Supplies and Materials		<ul style="list-style-type: none"> To ensure proper distribution of training kits of each participant with signed documents of received kits. To prepare manila papers, metacards, marker pen and scotch tape to be used during workshops to all session rooms for the 3-day training. To coordinate with the resource speakers if they request for materials to be used in their presentation/workshop. To require the participants to prepare and bring the following: (1) Portable wifi modem, (2) extension wire, (3) laptop (4) printer for clustered per district.
Chairman	Leah Lyn Lingatong	
Co-Chairman	Marites Bation	
Master of Ceremony/Event Flow Coordinator		<ul style="list-style-type: none"> To prepare an invitation program/program flow/invites. To facilitate the opening and closing program for day 1 to day 3. To prepare all the necessary videos, audios, background music especially during the preliminaries like singing of national anthem etc. To facilitate each session room/venue for timely start and end of the training proper session. To serve as the session managers to all the rooms during training proper. To assign MOL facilitators per session room. To be creative in facilitating the program.
Chairman	Kristine Mae Libot	
Co-Chairman	Rubylinda Peralta	



Republic of the Philippines
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DIVISION OF CAGAYAN DE ORO CITY

Training-Workshop on Science Pedagogy and Authentic Assessment in Blended Learning Delivery Model for Teachers' Professional Development



CHERRY MAE LIMBACO-REYES, PhD., CESO V
Schools Division Superintendent



LOREBINA C. CARRASCO, PhD
OIC - Assistant Schools Division Superintendent



ROSALIO R. VITORILLO, PhD
Chief, SGOD



JEAN S. MACASERO, PhD
Education Program Supervisor
SHS Division Coordinator



NICK PAÑARES, PhD
Regional Education Program Supervisor
Region X

Conchita Hotel
Cagayan de Oro City
May 26-27,30, 2022(Elementary)
May 31, June1-2, 2022(Secondary)