

T.O # 1647



Republic of the Philippines  
DEPARTMENT OF EDUCATION  
Region VII, Central Visayas  
**SCHOOLS DIVISION OF NEGROS ORIENTAL**  
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SECTION

December 3, 2018

**MEMORANDUM TO:**

**FLORENTINA P. PASAJINGUE**  
MT-II, NOHS

**JOSEPHINE GALON**  
T-III, NOHS

**JASON BACOLOD**  
T-II, Dauin NHS  
Dauin District

**EUFRATES G. ANSOK, JR.**  
T-II, Siaton Science HS  
Siaton 3 District

**MARY JOCEN ALAM ALAM**  
T-I, Dauin Science HS  
Dauin District

**MARY JANE CACAS**  
T-II, Manjuyod Science HS  
Manjuyod 1

(Through the PSDS)

Please be informed of your attendance to the conduct of the **Regional Training of Trainers (RTOT) for the Cross-Specialization Training of Grades 7-10 Science Teachers on their Non-Major Science Subjects** on December 5-13, 2018 at the DepEd Ecotech Center, Sudlon, Lahug, Cebu City.

Enclosed is a copy Regional Memorandum No. 0926, s. 2018, for your reference.

Board and lodging are chargeable against 2018 HRTD Funds downloaded to the Regional Office while travelling and other incidental expenses incurred relative to the conduct of the said activity are chargeable against local funds, subject to the usual accounting and auditing rules and regulations.

For your guidance and compliance.

**WILFREDA D. BONGALOS, Ph. D., CESO V**  
Schools Division Superintendent *WDB*



Republic of the Philippines  
Department of Education  
REGION VII, CENTRAL VISAYAS  
Sudlon, Lahug, Cebu City



**REGIONAL MEMORANDUM**

No. 0726 s. 2018

**REGIONAL TRAINING OF TRAINERS (RTOT) FOR THE CROSS-SPECIALIZATION TRAINING OF GRADES 7 TO 10 SCIENCE TEACHERS ON THEIR NON-MAJOR SCIENCE SUBJECTS**

- To: Schools Division Superintendents
1. This Office through the Curriculum and Learning Management Division (CLMD), will conduct the *Regional Training of Trainers (RTOT) for the Cross-Specialization Training of Grades 7-10 Science Teachers on their Non-Major Science Subjects* on December 5-13, 2018 at the DepEd Ecolitec Center, Sudlon, Lahug, Cebu City.
  2. The program is one of the platforms to develop and enhance the content and pedagogical knowledge of science teachers in teaching their non-major science subjects.
  3. Participants to the said training are the select secondary science school heads and teachers enlisted in enclosure 3 and are requested to bring a laptop and a copy of the curriculum guide.
  4. For proper guidance and reference of all concerned, enclosed are the following documents:

Enclosure No. 1	Program Schedule Matrix
Enclosure No. 2	Program Management Team
Enclosure No. 3	List of Participants
Enclosure No. 4	Schedule for Check-in/out and First and Last Meats
  5. Facilitators/trainers are requested to report on Day 0, December 4, 2018 on the venue for the final briefing.
  6. Expenses for board and lodging shall be charged against 2018 HRTD funds downloaded to the Regional Office while traveling and other incidental expenses incurred by the participants relative to the conduct of the said activity are chargeable against local funds, subject to the usual accounting and auditing rules and regulations.

7. Participants shall be entitled to service credits for training days which fall on weekends and holidays in accordance with the provisions of DepEd Order No. 19, s. 2011, and DepEd Order No. 53, s. 2003. Likewise, non-teaching personnel including management staff shall be provided with Compensatory Time-Off (CTO) per CSC and DBM Joint Circular No. 2, s. 2004.
8. Immediate dissemination of, and compliance with this Memorandum is desired.

  
**JULIET A. JERUTA, Ph.D., CESO IV**  
Director IV  
Regional Director

12/11/11

**Regional Training of Teachers for the Cross-Specialization Training of Grade 7 to 10 Science Teachers on Their Non-Major Subjects  
Program Schedule Matrix**

	CLASS 1	CLASS 2
	<b>DAY 1</b>	
8:00-9:00	Registration	
9:00-10:00	Opening Program	
10:00-11:00	<b>Periodic Trends</b> Ronnie Ranillo	<b>Asexual Reproduction</b> Jorge Noya
11:00-12:00		
12:00-1:00	Lunch Break	
1:00-2:00	<b>Chemical Bonding</b> Ronnie Ranillo	<b>Sexual Reproduction: Fertilization</b> Lilibeth Laroga
2:00-3:00	<b>Concentration of Solutions</b> Maurine Castaño	<b>Cell Division</b> Jonafel Mira
3:00-4:00		
4:00-5:00		
	<b>DAY 2</b>	
8:00-9:00	<b>Mole Concept</b> Maurine Castaño	<b>The Chromosome</b> Jonafel Mira
9:00-10:00	<b>Predicting Products, Chemical Equations and Types of Chemical Reactions</b> Deogenes Adoptante	<b>DNA Structure and Location of Genes in Chromosomes</b> Lilibeth Laroga
10:00-11:00		
11:00-12:00		
12:00-1:00	LUNCH BREAK	
1:00-2:00	<b>Balancing Chemical Equations</b> Maurine Castaño	<b>DNA Replication</b> Jorge Noya
2:00-3:00	<b>Organic Compounds</b> Deogenes Adoptante	<b>Protein Synthesis</b> Jonafel Mira
3:00-4:00		
4:00-5:00		
	<b>DAY 3</b>	
8:00-9:00	<b>Biomolecules</b> Deogenes Adoptante	<b>Protein Synthesis</b> Jonafel Mira
9:00-10:00	<b>Force, Motion, Energy</b> Session 1	<b>Periodic Trends</b> Ronnie Ranillo
10:00-11:00		
11:00-12:00		
12:00-1:00	LUNCH BREAK	
1:00-2:00	<b>Uniform Circular Motion</b> Emily Bingsas	<b>Chemical Bonding</b> Ronnie Ranillo
2:00-3:00	<b>Motion in Two Dimensions</b> Emily Bingsas	<b>Concentration of Solutions</b> Maurine Castaño
3:00-4:00		
4:00-5:00		
	<b>DAY 4</b>	
8:00-9:00	<b>Characteristics of Waves</b> Suftronic Paragoso	<b>Mole Concept</b> Maurine Castaño
9:00-10:00	<b>Force, Motion, Energy</b> Session 5	<b>Predicting Products, Chemical Equations and Types of Chemical Reactions</b> Deogenes Adoptante
10:00-11:00		
11:00-12:00		
12:00-1:00	LUNCH BREAK	
1:00-2:00	<b>Electricity in Action</b> Artur Lagorra	<b>Balancing Chemical Equations</b> Maurine Castaño
2:00-3:00	<b>Electricity and Magnetism</b> Suftronic Paragoso	<b>Organic Compounds</b> Deogenes Adoptante
3:00-4:00		
4:00-5:00		

DAY 5		
8:00-9:00	<b>Electricity and Magnetism</b> Sofronio Paragoso	<b>Biomolecules</b> Douglas Adupante
9:00-10:00	<b>Earth's Coordinates and Natural Resources</b> Christian Tubog	<b>Force, Motion, Energy</b> Session 1
10:00-11:00		
11:00-12:00	LUNCH BREAK	
12:00-1:00	<b>Weather Patterns, Seasons and Eclipse</b> Christian Tubog	<b>Uniform Circular Motion</b> Emily Binigas
1:00-2:00		
2:00-3:00	<b>Climatic Phenomena</b> Octavio Cabasag, Jr.	<b>Motion in Two Dimensions</b> Emily Binigas
3:00-4:00		
4:00-5:00	DAY 6	
8:00-9:00	<b>Characteristics of Stars</b> Octavio Cabasag, Jr.	<b>Characteristics of Waves</b> Sofronio Paragoso
9:00-10:00	<b>Characteristics of Stars</b> Octavio Cabasag, Jr.	<b>Force, Motion, Energy</b> Session 5
10:00-11:00		
11:00-12:00	LUNCH BREAK	
12:00-1:00	<b>Plate Tectonics</b> Neilson Ray Gonzales	<b>Electricity in Action</b> Arnar Lagorra
1:00-2:00		
2:00-3:00	<b>Plate Boundaries</b> Neilson Ray Gonzales	<b>Electricity and Magnetism</b> Sofronio Paragoso
3:00-4:00		
4:00-5:00	DAY 7	
8:00-9:00	<b>Plate Boundaries</b> Neilson Ray Gonzales	<b>Electricity and Magnetism</b> Sofronio Paragoso
9:00-10:00	<b>Asexual Reproduction</b> Jorge Nora	<b>Earth's Coordinates and Natural Resources</b> Christian Tubog
10:00-11:00		
11:00-12:00	LUNCH BREAK	
12:00-1:00	<b>Sexual Reproduction: Fertilization</b> Lilibeth Laroga	<b>Weather Patterns, Seasons and Eclipse</b> Christian Tubog
1:00-2:00		
2:00-3:00	<b>Cell Division</b> Junafel Mira	<b>Climatic Phenomena</b> Octavio Cabasag, Jr.
3:00-4:00		
4:00-5:00	DAY 8	
8:00-9:00	<b>The Chromosome</b> Junafel Mira	<b>Characteristics of Stars</b> Octavio Cabasag, Jr.
9:00-10:00	<b>DNA Structure and Location of Genes in Chromosomes</b> Lilibeth Laroga	<b>Characteristics of Stars</b> Octavio Cabasag, Jr.
10:00-11:00		
11:00-12:00	LUNCH BREAK	
12:00-1:00	<b>DNA Replication</b> Jorge Nora	<b>Plate Tectonics</b> Neilson Ray Gonzales
1:00-2:00		
2:00-3:00	<b>Protein Synthesis</b> Junafel Mira	<b>Plate Boundaries</b> Neilson Ray Gonzales
3:00-4:00		
4:00-5:00	DAY 9	
8:00-9:00	<b>Protein Synthesis</b> Junafel Mira	<b>Plate Boundaries</b> Neilson Ray Gonzales
9:00-10:00	Post-test	
10:00-11:00	Lesson Demonstration	
11:00-12:00	LUNCH BREAK	
12:00-1:00	Lesson Demonstration	
1:00-2:00	Lesson Demonstration	
2:00-3:00	Lesson Demonstration	
3:00-4:00	Closing Program	
4:00-5:00	Closing Program	

**Regional Training of Teachers for the Cross-Specialization Training of Grade 7 to 10  
Science Teachers on Their Non-Major Subjects**

**PROGRAM MANAGEMENT TEAM**

<b>Program Director</b>	RD Juliet A. Jeruta
<b>Assistant Program Director</b>	ARD Salustiano T. Jimenez
<b>Program Manager</b>	Dr. Emiliano B. Elnar, Jr., <i>Chief ES CLMD</i>
<b>Training Manager</b>	Sylvio H. Sabino, RO7, CLMD
<b>Trainers / Facilitators</b>	
Deogenes Adaptante	Cebu City
Emily A. Binggas	Mandaue City
Octavio P. Cabio, Jr.	Bais City
Maurine C. Castaño	Tagbilaran City
Nielsor Ray R. Gonzales	Cebu Province
Arthur P. Lagorra	Siquijor
Lilibeth L. Laroga	Bohol
Junafel P. Mira	Tanjay City
Jorge A. Noya	Danao City
Sofronio D. Paragoso	Toledo City
Ronnie P. Ranile	City of Bogo
Christian A. Tubog	Negros Oriental
<b>Class Managers / Process Observers</b>	
Hermenilda Gracio	EPS, Bohol
Raylene Manawatao	EPS, Cebu City
Juvimar Montolo	EPS, Cebu Province
Rufino Tudlasan	EPS, Mandaue City

**List of Participants**

	<b>Name</b>	<b>School</b>	<b>Division</b>
1	Contratista, Prima Taguic	Bais City National High School	Bais City
2	Uy, Maria Trinidad Vicente	Bais City National Science High School	Bais City
3	Abuyabor, Judelyn Zerna	Mayor Praxedes P. Villanueva II MHS	Bais City
4	Prestin, Merry Joy Bairoy	Oklot National High School	Bais City
5	Romano, Epifania Baguin	Bais City National High School	Bais City
6	Yape, Enalyn Calunsag	Bais City National High School	Bais City
7	Marisol Marfiel	Bayawan City Science and Technology Education Center	Bayawan City
8	Venus Saligan	Bayawan National High School	Bayawan City
9	Lemar Patanao	Cansumalig NHS	Bayawan City
10	Rhona Lee F. Barayog	Bayawan National High School	Bayawan City
11	Vilma J. Bajardo	Bayawan National High School	Bayawan City
12	Rosedevilla A. Viesca	Bayawan National High School	Bayawan City
13	Leonida P. Casingcasing	Guinacot NHS, Guindulman	Bohol
14	Lilibeth Laroga	Inabanga HS, Nabuod Inabanga	Bohol
15	Rea Marie Enad	San Agustin NHS, Sagbayan	Bohol
16	Paz I. Andiong	Valencia Tech. Voc. NH, Valencia	Bohol
17	Josefina Maramba	Lourdes NHS, Panglao	Bohol
18	<b>To be identified by the SDO</b>		Bohol
19	Marsha Valencia	Maximino Noel MNHS	Carcar City
20	Alejandro Manlangit Jr.	Carcar Central NHS	Carcar City
21	Aileen A. Quilestinn	Can-asujan NHS	Carcar City
22	Gracelyn Ricarte	Pit-os NHS	Carcar City
23	Bebie Rhea Panilagao	Gelacio Baba NHS	Carcar City
24	Ritchie Castro	Ocaña NHS	Carcar City
25	Genma Bendebel	Barrio Luz NHS	Cebu City
26	Cecilia Gopitulan	Lusayan Nat'l HS	Cebu City
27	Rey Kemilat	Abellana Nat'l School	Cebu City
28	Nazel Leurag	Tagbao NHS	Cebu City
29	Bonnie James Saclolo	CCNSHS	Cebu City
30	Arnolfa Demellites	Guba Nat'l HS	Cebu City
31	Candida Purgatorio	Moalboal NHS	Cebu Province
32	Estrellita Quiamen	Tolotolo NHS, Consolacion, Cebu	Cebu Province
33	Josephine Sesante	Alcoy NHS	Cebu Province
34	Roger Banogbanog	Dalaguete NHS	Cebu Province
35	Florencio Labiste	Oslob NHS	Cebu Province
36	Felisa Batuigas	Santa Fe NHS	Cebu Province
37	Niño Vernie T. Enad	Don Potenciano Memorial NHS	City of Bogo
38	Joane S. Cauagdan	City of Bogo Science and Arts Academy	City of Bogo

39	Irey M. Soon	City of Bogo Science and Arts Academy	City of Bogo
40	Ma. Ayessa A. Agacita	Libertad NHS	City of Bogo
41	To be identified by the SDO		City of Bogo
42	To be identified by the SDO		City of Bogo
43	To be identified by the SDO		City of Naga
44	To be identified by the SDO		City of Naga
45	To be identified by the SDO		City of Naga
46	To be identified by the SDO		City of Naga
47	To be identified by the SDO		City of Naga
48	To be identified by the SDO		City of Naga
49	Cherique Capao	B Durano MIS	Danao City
50	Rhea Canumay	Bibiana Mercado MIS	Danao City
51	Christine Mac Aguanta	Maslog NHS	Danao City
52	Mervic Cuizon	Beatriz D. Durano MNHS	Danao City
53	Ligaya Parawan	RMDSF-STEC	Danao City
54	Danilo Nuñez	RMDSF-STEC	Danao City
55	Antonia P. Dullin	JNHS	Dumaguete City
56	Cherryl Largo	DCHS	Dumaguete City
57	Ryan Nove Huaog	RTPM DSHS	Dumaguete City
58	Daphne G. Nodado	TNHS	Dumaguete City
59	Dorelin Duran	PHS	Dumaguete City
60	Gina M. Pinero M.	HFGMHS	Dumaguete City
61	Hiedmae G. Braquil	Vallehermoso National HS	Guihulngan City
62	Maricris E. Tomas	Vallehermoso National HS	Guihulngan City
63	Bonevie A. Bayawa	Guihulngan National High School, Hilaitan	Guihulngan City
64	Marichu M. Nueva	Guihulngan National High School, Poblacion (SSP)	Guihulngan City
65	Sheila D. Consular	Guihulngan National High School, Poblacion (SSP)	Guihulngan City
66	Lorena S. Rebusquillo	Guihulngan National High School, Hilaitan	Guihulngan City
67	Nova S. Sebarios	Mactan NHS	Lapu-Lapu City
68	Ina Irish C. Malazarte	Marigondon NHS	Lapu-Lapu City
69	Shiela V. Gepiga	Maribago HS	Lapu-Lapu City
70	Audrey R. Masbang	Babag NHS	Lapu-Lapu City
71	Ruby L. Armada	Mactan NHS	Lapu-Lapu City
72	Mary Ann Dapitan	Pajo NHS	Lapu-Lapu City
73	Lyn F. Vallejos	Tabok NHS	Mandaue City
74	Astred T. Gitgano	Mandaue City Science HS	Mandaue City
75	Zenilyn Apura	Don Gerardo Li O MNHS	Mandaue City
76	Rachel Anne Balbuena	Tingub NHS	Mandaue City
77	Mary Joy Datoy	Jagobiao NHS	Mandaue City
78	Alain Precillas	Mandaue City Comprehensive NHS	Mandaue City
79	Florentina P. Pasajingue	Negros Oriental HS	Negros Oriental ✓
80	Josephine Galon	Negros Oriental HS	Negros Oriental ✓
81	Jasmin Bacolod	Dauin National HS	Negros Oriental ✓



82	Eufrates G. Ansok Jr	Siaton Science HS	Negros Oriental ✓
83	Mary Jocen Alam Alam	Dauin Science HS	Negros Oriental ✓
84	Mary Jane Cacas	Manjuyod Science HS	Negros Oriental ✓
85	Anna Rose M. Cabasag	Siquijor PSHS	Siquijor
86	Luz T. Omoc-oc	San Antonio NHS	Siquijor
87	Ronie B. Mabayambang	Candaping NHS	Siquijor
88	Roche Ike B. Vios	Tambisan NHS	Siquijor
89	Albert C. Umbac	Cabulihan IS	Siquijor
90	Karl Roy C. Mambot	DepEd - LNAS	Siquijor
91	Florafel C. Datoy	Tagbilaran City Science HS	Tagbilaran City
92	Marilyn A. Maninantan	Dr. Cecilio Putong NHS	Tagbilaran City
93	Mercy Mac C. Serrate	Dr. Cecilio Putong NHS	Tagbilaran City
94	Felix C. Castano	Dr. Cecilio Putong NHS	Tagbilaran City
95	Ma. Dolores T. Dahab	Cogon High Sch-Evening Class	Tagbilaran City
96	Vida A. Encarquez, Ph.D.	Tagbilaran City Division	Tagbilaran City
97	Clote Bayarcal	Pooc National High School	Talisay City
98	Eamon U. Alido	Jaclupan National High School	Talisay City
99	Julieta A. Piscos	Lawaan National High School	Talisay City
100	Marilyn B. Gonzales	Jaclupan National High School	Talisay City
101	Metchie Gay P. Azuccenas	Tabunok Night High School	Talisay City
102	Cherry Rose M. Villaver	Talisay City National High School	Talisay City
103	Grace V. Torres	Lourdes Ledesma Del Prado MNHS	Tanjay City
104	Dindo T. Ramirez	Pamplona NHS	Tanjay City
105	Lyndon Ramirez	Cangkuc HS	Tanjay City
106	Sheene Torres	Azagra HS	Tanjay City
107	Princess JS R. Comcom	Tanjay City Science HS	Tanjay City
108	Ma. Mardi G. Soougan	Pamplona NHS	Tanjay City
109	Geraldo D. Lana	Awihao NHS	Toledo City
110	Theresa Avila	TNVS	Toledo City
111	Rosell Batomalaque	Bato NHS	Toledo City
112	Ninque Solteral	Gen. Climaco NHS	Toledo City
113	Catheryn Miparanum	Magdugo NHS	Toledo City
114	Ma. Veronica Tejero	TNVH	Toledo City

**Schedule for Check-In/Out and First/Last Meals**

<b>Check-in</b>	<b>First Meal</b>	<b>Check-out</b>	<b>Last Meal</b>
2:00 PM December 4, 2018	Dinner of December 4, 2018	12:00 NN December 13, 2018	PM Snacks of December 13, 2018