




Republic of the Philippines  
**Department of Education**  
 NATIONAL CAPITAL REGION

**REGIONAL MEMORANDUM**  
**ORD-2023-1087**

**TO :** Schools Division Superintendents

**FROM :**   
 WILFREDO E. CABRAL, CESO III  
 Regional Director

**SUBJECT :** Science Cross -Specialization for Junior High School (JHS)  
 Teachers on their Non-Major Science Subjects

**DATE :** October 17, 2023

This is in reference to the attached Memorandum dated September 20, 2023, signed by Gina Gonong, Undersecretary for Curriculum and Teaching, relative to the above-captioned activity on November 7-10, 2023, and November 21-23, 2023, within NCR.

Enclosed is the list of participants.

Travel expenses shall be charged to the BEC travel funds downloaded subject to the usual government accounting and auditing rules and regulations. Please see the attached list of documents needed for reimbursement and submit it to the CLMD Office.

Immediate dissemination of this Memorandum is desired.



Address: Misamis St., Bago Bantay, Quezon City  
 Email address: ncr@deped.gov.ph  
 Website: depedncr.com.ph

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**Official List of Participants**  
**Science Cross -Specialization for Junior High School (JHS)**  
**Teachers on their Non-Major Science Subjects**

Participants (First Name Last Name MI)	Assigned Domain	SDO	School
1. Jackielyn O. Guillermo	Chemistry	Caloocan City	Caloocan National Science and Technology High School
2. Ruth G. Bonagua	Biology	Las Pinas City	Las Pinas City National Science High School
3Tomasa Maggay	Gen Science/Earth Sci	Makati City	Gen. Pio Del Pilar National High School
4 Jude Chris, Francisco DG.	Physics	Malabon City	Tugatog National High School
5. Henrick Bajo	Physics	Mandaluyong City	Mandaluyong High School
6. Maria Clarissa G. Bergado	Physics	Manila	Arellano HS
7. Marites R. Del Valle	Gen Science/Earth Sci	Marikina City	Concepcion Integrated School - SL
8 Jason B. Albaro	Chemistry	Muntinlupa City	Muntinlupa National High School
9. Jocelyn N. Ladica	Biology	Navotas City	Kaunlaran National High School
10. Charmagne G. Rosales	Biology	Paranaque City	Sun Valley National High School
11. Efren Canzana, E.	Gen Science/Earth Sci	Pasay City	Kalayaan National High School
12 Jeric N. Estaco	Chemistry	Pasig City	Sta. Lucia HS
13. Maricel M. Dela Cruz	Physics	Quezon City	Balara High School
14. Mam Rowena B. Dapulag	Biology	San Juan City	San Juan National High School
15. Sherwin James C. Cardano	Chemistry	Taguig City and Pateros	Bagumbayan National HS
16. Kelvin T. Silvestre	Gen Science/Earth Sci	Valenzuela City	Justice Eliezer Delos Santos NHS



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CHECKLIST OF SUPPORTING DOCUMENTS  
TRAVELLING EXPENSES

Name: \_\_\_\_\_

Division: \_\_\_\_\_

List of Documents	Remarks
____ 1. Disbursement Voucher (DV) - c/o CLMD	_____
____ 2. Obligation Request Slip (ORS) – c/o CLMD	_____
____ 3. Appendix A (Itinerary of Travel)	_____
____ 4. Appendix B (Certificate of Travel Completed	_____
____ 5. Airfare Ticket/e-Ticket and Official Receipt	_____
____ 6. Bus/Boat Ticket (if applicable)	_____
____ 7. Boarding Pass (2)	_____
____ 8. Taxi Fare – RER (for P300.00 above)	_____
____ 9. Taxi Fare – RER Certification of Expenses (below P 300,00)	_____
____ 10. Travel Authority	_____
____ 11. <i>Letter of Invitation (NA)</i>	_____
____ 12. DepEd Memorandum/Reference	_____
____ 13. Certificate of Appearance/Participation	_____
____ 14. Photocopy of ATM – Landbank Account	_____
____ 15. <i>OTHERS: (if needed)</i>	
<i>a. Certification of no unliquidated cash advance (for CA)</i> _____	
<i>b. Justification/certification – any deviations in the itinerary</i> _____	
<i>c. Official Receipt – airfare, etc.</i> _____	
<i>d. Copy of Liquidation Report</i> _____	
____ 16. Quotation of plane fare for similar dates, from at least three airline companies/travel agencies or its equivalent. In case of less than three quotations, a certification is required signed by the head/Supervisor as per COA Circular Number 2023-04, s. 2023.	



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Republic of the Philippines  
**Department of Education**

OFFICE OF THE UNDERSECRETARY FOR CURRICULUM AND TEACHING

**MEMORANDUM**  
**DM-CT-2023- 303**

**TO :** REGIONAL DIRECTORS

**FROM :**   
GINA O. GONONG  
Undersecretary for Curriculum and Teaching

**SUBJECT :** SCIENCE CROSS-SPECIALIZATION FOR JUNIOR HIGH SCHOOL (JHS) TEACHERS ON THEIR NON-MAJOR SCIENCE SUBJECTS

**DATE :** September 20, 2023

In line with the MATATAG agenda, specifically on “giving support to teachers to teach better” and revitalizing science, technology, and math programs, the Bureau of Learning Delivery (BLD) will spearhead the conduct of activities on Science Cross-Specialization for Junior High School (JHS) Science Teachers on their non-major science subjects.

The following are the details of each activity:

Activity	Inclusive Dates	Venue
Workshop on the Refinement of Lesson Exemplars for Science Cross-Specialization of JHS Science Teachers	November 7-10, 2023	NCR
Workshop on the Finalization of Lesson Exemplars for Science Cross-Specialization of JHS Science Teachers	Nov. 21-23, 2023	NCR

The activities aimed at reviewing and refining the science lesson exemplars to be aligned with the MATATAG Curriculum which later be used by Grade 7 to 10 science teachers, and helping further enhance teachers’ competence in delivering lessons on their non-major science subjects effectively and confidently.

In connection with this, this Office would like to request participant-writers from your respective region composed of either Science Education Program Supervisors (or District Supervisors), School Heads, and/or Head Teachers at the secondary level. The number of participants per region is attached as Enclosure 1.



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Participants are expected to arrive at the venue before each workshop commences at 8:00 a.m. on Day 1. The first meal is breakfast on Day 1, and the last meal is PM snacks on the last day of each activity. Attached is the Program of Activities as Enclosure 2. Participants are advised to bring their own laptop. Compensatory Time-Off (CTO) is requested to be granted to the participants in lieu of the days of the workshop that will fall on holidays in accordance with the SC and DBM Joint Circular No. 2. s. 2004.

The board and lodging shall be charged against the 2023 BEC funds, while the traveling expenses shall be charged against the BEC Travel Funds downloaded to each region, subject to the usual government accounting and auditing rules and regulations.

For inquiries and other concerns, please contact Mr. Julieven R. Abrea, Senior Education Program Specialist of the BLD, through +63 908 8815859 or email at [julieven.abrea@deped.gov.ph](mailto:julieven.abrea@deped.gov.ph) or [bld.tld@deped.gov.ph](mailto:bld.tld@deped.gov.ph).

Immediate dissemination and compliance with this memorandum is desired.

*Copy furnished:*

**ATTY. REVSEE A ESCOBEDO**  
Undersecretary for Operations



Republic of the Philippines  
**Department of Education**  
OFFICE OF THE UNDERSECRETARY FOR CURRICULUM AND TEACHING

**Enclosure 1**

**LIST OF PARTICIPANTS**

Registration Link: [bit.ly/ScienceCrossSpec2023\\_Reg](https://bit.ly/ScienceCrossSpec2023_Reg)

<b>Region</b>	<b>No. of Participants</b>	<b>Science Specialization</b>
Region I	2	Biology
Region II	2	Chemistry
Region III	3	2 Physics & 1 Gen./Earth Science
CALABARZON	3	2 Physics & 1 Gen./Earth Science
MIMAROPA	2	Physics
Region V	2	Gen./Earth Science
CAR	2	Biology
NCR	16	4 Biology, 4 Chemistry 4 Physics & 4 Gen./Earth Science
Region VI	2	Chemistry
Region VII	2	Gen./Earth Science
Region VIII	2	Biology
Region IX	2	Chemistry
Region X	2	Gen./Earth Science
Region XI	2	Biology
Region XII	2	Physics
CARAGA	2	Chemistry

*Note: The same participants shall attend all the activities. Regional Offices are requested to send their list of participants on or before October 26, 2023.*



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**Task/Responsibilities**

Selected participants have the following tasks and/or responsibilities:

- participate actively during the capacity building sessions;
- prepare and develop/revise required outputs such as budget of work, lesson exemplars, assessment, and activity sheets;
- participate regularly during the workshops and task groups;
- coordinate with the immediate supervisor/focal the set of activities and agree on a work-contingency plan; and
- coordinate with the TLD management team various concerns on the activities.

**Criteria for the Selection of Writers**

Selected participants are/have:

- at least 10 years of teaching experience in teaching JHS Science,
- excellent writing skills and facilitation;
- experience in the specific task assigned to each identified participant;
- excellent track record in producing quality outputs;
- adept with the usage of technology;
- have no other participation in other activities on the days of the workshop that requires them to excuse themselves from completing the required days of the workshop;
- participate actively and provide inputs during the workshop;
- willing and committed to producing quality outputs; and
- able to strictly meet deadlines; and
- physically, emotionally and mentally fit.





Republic of the Philippines  
DEPARTMENT OF EDUCATION  
BUREAU OF LEARNING DELIVERY

**WORKSHOP ON THE REFINEMENT OF THE LESSON EXEMPLARS FOR SCIENCE CROSS-SPECIALIZATION OF JHS SCIENCE TEACHERS**  
NOVEMBER 7-10, 2023 / NCR

**INDICATIVE MATRIX / PROGRAM OF ACTIVITIES**

**Objectives:**

1. To provide update to the writer-participants on the features of JHS 2022 Revised CG;
2. To capacitate writers on learning approaches that develop learners' science process skills vis-a-vis 21<sup>st</sup> Century Skills; and
3. To review and revise the Budget of Work and Science Lesson Exemplars as aligned to the revised 2022 Science Curriculum.

TIME	Day	Day 2	Day 3	Day 4
		Management of Learning		
8:00 am				
8:15 am	<b>Arrival and Registration</b>	<b>Workshop 1:</b> <i>Revisit and Review of the Budget of Work vis-à-vis 2022 JHS Science Curriculum (Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>	<b>Presentation of Outputs (Reviewed BOW)</b>	<b>Cont. of Workshop 2</b> <i>(Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>
10:00 am	<b>Opening Program</b> <b>Plenary Talk</b> <i>Key Features on the 2022 JHS Science Curriculum (BCD Specialist)</i>			
12:00 nn		<b>Lunch Break</b>		
1:00 pm	<b>Session 1:</b> <i>Instructional Approaches and Strategies in Science (Invited Resource Person)</i>	<b>Cont. of Workshop 1</b> <i>(Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>	<b>Workshop 2:</b> <i>Revisit and Review of the Lesson Exemplars vis-à-vis 2022 JHS Science Curriculum (Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>	<b>Presentation of initial Outputs (Reviewed LE)</b>
3:00 pm	<b>Session 2:</b> <i>Updates on Assessment in Science Education (Invited Resource Person)</i>			<b>Closing Program</b> <b>Ways Forward</b>
6:00 pm		<b>DINNER</b>		
Facilitators	<i>Julieven Abrea, Michelle Tolentino, Jayson Tadeo, Victor Fedirigan</i>	<i>Julieven Abrea, Michelle Tolentino, Jayson Tadeo, Victor Fedirigan</i>	<i>Julieven Abrea, Michelle Tolentino, Jayson Tadeo, Victor Fedirigan</i>	<i>Julieven Abrea, Michelle Tolentino, Jayson Tadeo, Victor Fedirigan</i>
OD	<i>Michelle Tolentino.</i>	<i>Jayson Tadeo</i>	<i>Victor Fedirigan</i>	<i>Julieven Abrea</i>





Republic of the Philippines  
DEPARTMENT OF EDUCATION  
BUREAU OF LEARNING DELIVERY

**WORKSHOP ON THE FINALIZATION OF THE LESSON EXEMPLARS FOR SCIENCE CROSS-SPECIALIZATION OF JHS SCIENCE TEACHERS**  
November 24-23, 2023 / NCR

**INDICATIVE MATRIX / PROGRAM OF ACTIVITIES**

**Objectives:**

1. To provide update to the writer-participants on the features of JHS 2022 Revised CG;
2. To capacitate writers on learning approaches that develop learners' science process skills vis-a-vis 21st Century Skills; and
3. To review and finalize the Budget of Work and Science Lesson Exemplars as aligned to the revised 2022 Science Curriculum.

TIME	Day 1	Day 2	Day 3
8:00 am	Management of Learning		
8:15 am	<b>Arrival and Registration</b>	<b>Cont. of Workshop 1:</b> <i>(Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>	<b>Cont. of Workshop 2</b> <i>(Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>
10:00 am	<b>Opening Program</b> <b>Plenary Talk</b> <i>Curriculum-Instruction-Assessment in Science Education</i> <i>(Danilo Soriano, BLD-TLD)</i>	<b>Presentation of Outputs (Reviewed BW and LE)</b>	
12:00 nn	<b>Lunch Break</b>		
1:00 pm	<b>Workshop 1:</b> <i>Revisit and Review of the Budget of Work and Lesson Exemplars</i> <i>(Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>	<b>Workshop 2:</b> <i>Revision of the Budget of Work and Lesson Exemplars</i> <i>(Breakout Groups: Biology, Chemistry, Physics, &amp; Earth Science)</i>	<b>Presentation of Outputs (Revised LE)</b>
3:00 pm			<b>Closing Program</b> <b>Ways Forward</b>
6:00 pm	<b>DINNER</b>		
OD	<i>Michelle Tolentino.</i>	<i>Jayson Tadeo</i>	<i>Victor Fedirigan</i>