



Republic of the Philippines  
**Department of Education**  
REGION III  
**SCHOOLS DIVISION OF PAMPANGA**

August 4, 2023

**DIVISION MEMORANDUM**

No. **391**, s. 2023

**DIVISION SEMINAR-WORKSHOP of SCIENCE TEACHERS on INSTRUCTIONAL ALIGNMENT in the CURRICULUM and CONTENT KNOWLEDGE in TEACHING STEM for the SENIOR HIGH SCHOOL**

To: Assistant Schools Division Superintendents  
Chief Education Supervisors  
Education Program Supervisors  
Public Schools District Supervisors  
Public School Secondary/Principals/School Heads  
All Others Concerned

1. This Office announces the conduct of a 3-Day Seminar–Workshop of *Science Teachers on Instructional Alignment in the Curriculum and Content Knowledge in teaching STEM for the the Senior High Schools* on August 11, 14 & 15, 2023, from 8:00 am to 5:00 pm at Otel Pampanga.
2. The seminar-workshop specifically aims to:
  - 2.1. review, identify and assess the competencies of the core subjects in Science (STEM);
  - 2.2. develop teaching strategies and instructional resources and assessment tools that require critical thinking in teaching content and pedagogy; and
  - 2.3 discuss issues and challenges encountered by Science teachers.
3. The participants in the above-mentioned seminar are Senior High School Science Teachers. Likewise, the participants are requested to bring their own MELCs, laptops, pocket WIFI, and extension cords for the workshops.
4. Attached is Enclosure No.1 for the List of Participants and Technical Working Group and Enclosure No. 2 for the Training Matrix.
5. Participants are entitled to a three-day service credit as stipulated in the DO 53, s. 2003 – Updated Guidelines on Grant of Vacation Service Credits to Teachers. Likewise, the travel expenses of the participants shall be charged from MOOE or other local school funds subject to the usual accounting and auditing rules.



**Address:** High School Blvd., Brgy. Lourdes, City of San Fernando (P)  
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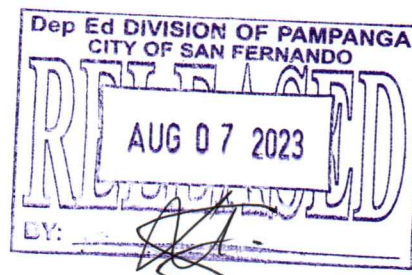
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6. This Memorandum serves as the travel order of the participants.
7. Immediate and wide dissemination of this Memorandum is earnestly desired.

  
**ROMEO M. ALIP, PhD, CESO V**  
Schools Division Superintendent

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Enclosure No.1 to Division Memorandum No. \_\_\_\_\_, s. 2023

No.	Name	School
1	Dhalia Guintu	Senior HS Stand Alone 2
2	B-Jay Samson	Senior HS Stand Alone 2
3	Vangie Paras	Tinajero HS Annex
4	Eduardo B. Ma Jr	Ayala HS
5	Reynalyn L. Manalili	Balitucan HS
6	Rosve Gene T. Ramos	Justino Sevilla High School
7	Rafael M. Supan	Andres M. Luciano HS
8	Trishia Mae G.Diciembre	Dolores HS
9	Lolita Sta Ana	Camba HS
10	Melanie G. Lumboy	Justino Sevilla High School
11	Jodie L. Cabrera	Arayat NHS
12	Rachel Gail B. Yosuico	Eastern Porac HS
13	Judy Anne A. Tengco	Sto. Tomas National High School- Sasmuan
14	Jamie Ann S. Santos	NATIVIDAD HIGH SCHOOL
15	Angela Mae Ann C. Macadaeg	Betis National High School
16	Raphael D. Cabuntocan	Betis National High School
17	Chrisper C. Escoto	Porac Model Community High School
18	Maria Winnie P Dizon	Porac Model Community High School
19	Bryan L. Delos Santos	Pulung Santol National High School
20	Joseph D. Nunag	Pulung Santol National High School
21	Kristina Paula P. Dizon	BECURAN NATIONAL HIGH SCHOOL
22	Joydee D. Sampang	BECURAN NATIONAL HIGH SCHOOL
23	Genesis Endraca	San Basilio HS
24	Amilyn Sampang	GMendoza HS



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25	Rachelle R. Mercado	Porac National High School
26	Jake D. Caligagan	Porac National High School
27	Rhoda M. Mallari	Lubao NHS
28	Custer M Manlulu	San Jose National High School
29	Jessica G. Acebo	Basa NHS
30	Immanuel L. Maglasang	Gutad HS
31	Mary Ann C. Bijasa	FNAS
32	Gema Faye N. Catain	Lubao NHS
33	Elaine P. Montemayor	Diosdado Macapagal Memorial High School
34	Regina Marie M. Lagman	Diosdado Macapagal Memorial High School
35	Estefy Jean De Jesus	San Roque Dau High School (with STEM)
36	Bituin Guillermo	San Roque Dau High School (with STEM)
37	Irma M. Dabu	San Pablo 2nd National High School
38	Christine M. Hernandez	San Pablo 2nd National High School
39	Vilma D. Jimenez	San Pablo 2nd National High School

40	Fatima Didato	Sta Cruz HS
41	Reyna M. Dabu	San Vicente HS
42	Janice O. Soliman	San Isidro National HS (Bacolor)
43	Kharen M. Rafael	San Juan High School
44	Patricia Ann M. Quiambao	San Juan High School
45	Mary Grace D. Guiao	San Juan High School
46	Raidis L. Dela Cruz	Potrero National High School
47	Benedicta P. Lapuz	Potrero National High School
48	Maila B, Manco	Mexico National High School
49	Emalin Lising	Mexico National High School
50	Shanen P. Yango	Bacolor High School



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51	Ana Marie G. Valencia	Don Jesus Gonzales High School
52	Ana Liza G. Magbag	Don Jesus Gonzales High School
53	Trisha Mae D. Chu	Don Jesus Gonzales High School
54	Andrew John B. Ibanez	SV Pilot School for Philippine Craftsmen
55	WeandyLou F. Garcia	SV Pilot School for Philippine Craftsmen
56	Martee B. Gozun	Malino National High School
57	Eunice C. Quiambao	Malino National High School
58	Maria Conchitina C. Vallado	DALCUIS
59	Jamaica Lalu	Telesforo and Natividad HS
60	Joana C. Diaz	Nicanor D Vergara HS
61	Debbie Lulu	Sta Ana NHS
62		San Isidro HS Sta Ana
63	Janine B. Alarcon	Pasig National High School
64	Nepthalie S.J. Gonzales	Bahay Pare National High School
65	Louie May M. Villanueva	Bahay Pare National High School
66	Christian Aries P. Lapuz	Bahay Pare National High School
67	Raymond A. Silvestre	San Isidro National High School (San Luis)
68	Jonathan P. Mellona	Pasig National High School
69	Reynaldo G. Bautista Jr.	Mangga High School
70	Micah Earl T. Villanueva	Emigdio A. Bondoc High School
71	Erick Miguel M. Malvar	Emigdio A. Bondoc High School
72	Janine R. Alonzo	Mapaniqui High School
73	Marvin T. Sumat	San Luis National High School
74	Catherine Kay T. Miranda	Talang High School
75	Princess Camille T. dela Peña	Talang High School
76	Arabelle Grace S. Gamboa	Salapungan National High School
77	Dona L. Manalastas	Salapungan National High School



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78	Sharon S. Turla	San Carlos San Luis National High School
79	Jonnel P. David	San Carlos San Luis National High School
80	Alfred Guevarra	San Juan HS
81	MaryGrace Manggalino	Mandili HS
82	Melissa Pingul	Sta Catalina HS
83	Donnabelle Manarang	P.Gubat HS
84	Monina A. David	Sto. Tomas National High School
85	Rachelle C. Lopez	Sto. Rosario National High School
86	Kenneth M. Navarro	Sto. Rosario National High School
87	Ellaine D. Catap	San Pedro National High School
88	Crissa I. Tolentino	Apalit HS
89	Aiko I. Gutierrez	Apalit HS
90	Rowena L. Carlos	Senior High School in Apalit (Stand Alone 1)
91	Angelie A. Navarro	Senior High School in Apalit (Stand Alone 1)
92	Helen C. Caliwag	San Simon High School
93	Ervin C. Cotez	San Matias National High School
94	Joshua L. Pineda	San Matias National High School
95	Cathlyn M. Quiambao	San Matias National High School
96	Ivy C. Tayag	Dela Paz HS
97	Jaypril C. Tayag	Dela Paz HS
98	Veronica N. Macalino	Cansinala HS
99	Jennalyn Cabrera	Balucuc HS
100	Alvin Garcia	Sampaga HS
101	Reymond L. Mallari	Telacsan National High School
102	Janica N. Catahan	San Esteban High School
103	Keith M. Bustos	Consuelo High School
104	Jocelyn S. Santos	Macabebe High school



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105	Gembrian C. Dela Serna	Dalayap High School
106	Meryrose F. Dizon	Caduang Tete National High School
107	Joanalyn L. Colis	Malauli High School
108	Maricel B. Gonzales	Masantol High School
109	Pelvin V. Banal	Masantol High School
110	Christian Joshuia C. Calma	San Vicente - San Francisco High School
111	Ma. Felomena T. Carreon	San Vicente - San Francisco High School
112	Zeneth Cortez	Pulung Santol HS
113	Maribeth Enrile	Dela Paz HS
114	Bay De Jesus	Sto Rosario HS

TECHNICAL WORKING GROUP

No.	Name	School
1	Eriwell R. Hipolito	Dolores HS
2	Zeneth C. Cortez	PSantol HS
3	Maribeth Enrile	Dela Paz HS
4	Bay De Jesus	Sto Rosario HS
5		



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Enclosure No.2 to Division Memorandum No. **391**, s. 2023

**TRAINING MATRIX**

Day	Time	Topic	Person-in-Charge	
Day 1 August 11, 2023	7:00-8:00	Registration	TWG	
	8:00-8:30	Opening Program	TWG	
	8:30-10:00	A Walk-through and Overview on the Curriculum MELCs of STEM Subjects, Earth and Life Sciences, Physical Science, Earth Science DRRR and Specialized Science subjects	Paz I. Canlas	
	10:00-12:00		EPS I, Science	
	Lunch Break			
	1:00-3:00	(Breakout Session) Determining the Critical Content of SHS Science core and specialized	Dhalia Guinto Rodolfo Feliciano HS Vangie Paras	
	3:00-5:00	Workshop on the Preparation of Learning Resources in teaching content	Tinajero HS Annex Kharen Rafael San Juan HS Mexico Sharon Turla San Carlos HS	



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Day 2 August 14, 2023	8:00-8:30	Management of Learning	TWG
	8:30-10:00	Teaching Strategies/Assessment Tools	Eriwell Hipolito Zeneth Cortez
	10:00-12:00	Workshop (Assessment Tools Construction)	All Participants
	Lunch Break		
	1:00-5:00	Workshop	All Participants

Day 3 August 15, 2023 (Asynchronous)	8:00-8:30	Management of Learning	TWG
	8:30-10:00	Finalization of Output	All Participants
	10:00-12:00	Presentation of Outputs	
	Lunch Break		
	1:00-5:00	Presentation of Outputs Ways Forward Closing Program	



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