

Republic of the Philippines  
Department of Education  
National Capital Region

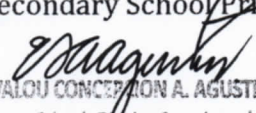
**SCHOOLS DIVISION OFFICE OF NAVOTAS CITY**

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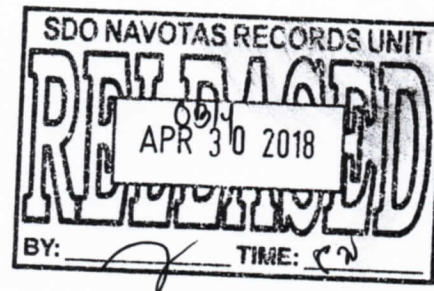
**MEMORANDUM**

To : OIC – Asst. Schools Division Superintendent  
Chief Education Supervisors  
Education Program Supervisor  
Public Schools District Supervisors  
Public Secondary School Principals

From :   
MA. EVALOU CONCEPCION A. AGUSTIN  
OIC-Assitant Schools Division Superintendent  
**MELITON P. ZURBANO, CESE**  
Officer-In-Charge  
Office of the Schools Division Superintendent

Date : April 30, 2018

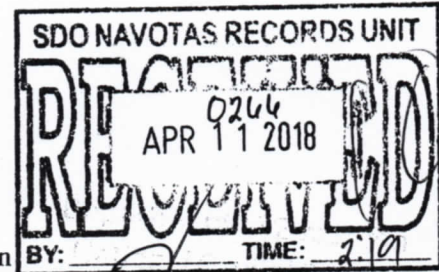
Subject: **MTAP – DEPED NCR INTENSIVE TRAINING ON CONTENT AND PEDAGOGY  
FOR SECONDARY MATH TEACHERS**



1. Attached is Regional Memorandum dated No. 50,s. 2018 dated April 3, 2018, re: **“MTAP – DepEd NCR Intensive Training on Content and Pedagogy for Secondary Math Teachers”** to be held in May 7-12, 2018 at Tinejeros National High School.
2. Particular attention is invited to paragraph numbers 3, 4, 5 and 6.
3. Immediate and wide dissemination of this Memorandum is desired.



**Republika ng Pilipinas**  
(Republic of the Philippines)  
**KAGAWARAN NG EDUKASYON**  
(DEPARTMENT OF EDUCATION)  
**PAMBANSANG PUNONG REHIYON**  
(NATIONAL CAPITAL REGION)  
Daang Misamis, Bago Bantay, Lungsod Quezon  
(Misamis St., Bago Bantay, Quezon City)



April 3, 2018


**MEMORANDUM**

No. 50 s.2018

**MTAP – DEPED NCR INTENSIVE TRAINING ON CONTENT AND PEDAGOGY  
FOR SECONDARY MATH TEACHERS**

**TO : SCHOOLS DIVISION SUPERINTENDENTS**

1. The Department of Education National Capital Region through the Curriculum and Learning Management Division in partnership with Mathematics Teachers Association of the Philippines, Inc.(MTAP) will conduct Intensive Training on Content and Pedagogy for Secondary Mathematics teachers. This will be a 6-day live –out training under the leadership of Education Program Supervisors in Mathematics of the respective schools division and must be held in May 2018.
2. This activity aims to equip teachers with content knowledge in Mathematics sufficient to enable them to know enough of their subject to teach Mathematics better.
3. Attached are training matrix, list of participants and list of trainers.
4. Training materials and other related expenses shall be shouldered by the Mathematics Teachers Association of the Philippines, Inc.(MTAP).
5. Participants are required to attend all the sessions and expected to be at the venue on the first day at 7:30 AM for the registration.
6. The participants, trainers and management staff who will be involved in these activities shall be entitled to service credits in accordance with DepEd Order No. 53, s. 2003 entitled *Updated Guidelines on Grant o Vacation Service Credits to Teachers*. On the other hand, non-teaching staff shall be provided with Compensatory time-Off (CTO) per Civil Service Commission (CSC) and Department of Budget and Management (DBM) Joint Circular No. 2, s. 2004 on *Non-Monetary Remuneration for Overtime Service Rendered*.
7. CID chiefs are enjoined to monitor the above activity.
8. Immediate and wide dissemination of this Memorandum is desired.

  
**WILFREDO H. CABRAL**  
Officer-In-Charge  
Office of the Regional Director

Grade 7		
1	Mary Joyce Collina	Potero NHS
2	Cristina M. Torres	Longos NHS
3	Daniel Javarata	Catmon IS
4	Danilo Mondero	Tinajeros NHS
5	Edna Zacarias	Malabon NHS
6	Fernin Sison	Panghulo NHS
7	Fherlina T. Mangail	MNHS TechVoc
8	Joanne Camille Salando	Catmon IS
9	Josephine S. Perata	Tugatog NHS
10	Lalaine Paglicawan	Longos NHS
11	Lovely Ann Lorenzo	Tugatog NHS
12	Ma. Victoria Mercadillas	Potero NHS
13	Marie S. Elazo	Tanong IS
14	Marlou Camua	Tanong NHS
15	Mark Mejica	Tinajeros NHS
16	Melanie Maniquiz	Dampalit
17	Nerissa Guevara	Tinajeros NHS
18	Rachelle Poblete	Tinajeros NHS
19	Randy Esperda	Tanong IS
20	REYCEL BAGA	MNHS
21	Richard dela Cuadra	Imelda
22	Zharalou Antonio	Malabon NHS
23	Aiza Cervantes	MNHS
24	Benedict Antonio	MNHS
25	Gina G. Bautista	KHS
26	April Rey J. Salisi	KHS
27	Kee A. Cotejo	KHS
28	Larry F. Miradora	KHS
29	Wency Orgado	MNHS
30	Roberto N. Payod	San Rafael TVHS
31	Marichu Castillo	Tanza NHS
32	Luisito L. De Jose	San Roque NHS
33	Luis L. De Lenos	Tangos NHS
34	Mercidita B. Delos Reyes	San Roque NHS
35	Grace F. Rabadon	Tanza NHS
36	Rocel F. Monsale	KHS
37	Rocel B. Raya	KHS
38	Gaudencio F. Amarde Jr.	San Rafael TVHS
39	Joan Barnedo	San Roque NHS
40	Jemarie A. Mahlnay	KHS

Grade 8		
1	Alma Rosa Pilapil	Tinajeros NHS
2	Alwin Albao	Ramon Camus IS
3	Arvin S. Perez	Tanong IS
4	Bernard Araniago	TNHS Acacia Annex
5	David Janzen Cruz	Longos NHS
6	Eloisa D. Estrella	Tugatog NHS
7	Franco H. Mendoza	MNHS
8	Gretchen Mendoza	Panghulo NHS
9	Jean dela Cruz	Tugatog NHS
10	Jesusa Ramos	Panghulo NHS
11	Katrin Joy Ofasa	Longos NHS
12	Ma. Luisa L. Legaspi	Tugatog NHS
13	Maria M. Aguinado	MNHS
14	Marie S. Elazo	Tanong IS
15	Rodelino Clemente	Tinajeros NHS
16	Ronaldo Jaime	MNHS
17	Rowena L. Semliano	Tanong NHS
18	Stella Mariz M. Berdin	Tinajeros NHS
19	Teresita Tengson	Panghulo NHS
20	Alexis A. Fulgencio	Catmon IS
21	Melissa Francisco	MNHS
22	Mede Estares	MNHS
23	Ma. Theresa Q. Asuncion	MNHS
24	Mark Anthony Madrid	Potero NHS
25	Abigail Joy D. Angeles	NAVOTAS KHS
26	Isagani C. Lazaro Jr.	KHS
27	JENNIFER D. DELARA	San Roque NHS
28	PETER I. PERALTA	MNHS
29	EDNA C. SALANDANAN	MNHS
30	JERAY M. ALBIS	MNHS
31	MARIBEL F. JIMENEZ	Tangos NHS
32	EDNA M. SEVILLA	MNHS
33	EUGENE P. SANTIAGO	Tangos NHS
34	EVANGELINA NEPOMUCENO	KHS
35	GEM JOE M. AGUIARAS	San Roque NHS
36	LUALHATI C. SAMODIO	KHS
37	ROSIELYN SAAVEDRA	San Rafael TVHS
38	EDCARDO M. NAMUCO	MNHS
39	RALFH SHERWIN S. PERNETES	Tanza NHS
40	MA. CIELO B. DELA CRUZ	San Roque NHS

Grade 9		
1	Angel Salvador Laysico	Longos NHS
2	Alvarez Custodio	TNHS Acacia Annex
3	Bobby L. Asuncion	Potero NHS
4	Deiza Vasquez	Longos NHS
5	Edileen M. Trumpeeta	MNHS
6	Jayson Zapanta	Malabon NHS
7	Jeanlyn Turia	Potero NHS
8	Jimmy V. Moraca	Tugatog NHS
9	JING JING EMELO	MNHS
10	JOSE RYAN L. AGUILAR	Tanong NHS
11	LIZEL SAGUEZA	MNHS
12	Ma. Criselle S. Domacras	Catmon IS
13	Marvin A. Alvarado II	Tanong NHS
14	Mario Flores	Ramon Camus IS
15	Priscila LUCAS	MNHS
16	Ramil Remedillo	Tinajeros NHS
17	Reynaldo Corvera	MNHS
18	Richelle C. Guimba	Tugatog NHS
19	Rowell T. Gumapac	Tugatog NHS
20	Sheryllane F. Hernandez	MNHS Tech Voc
21	Anne Michelle Chua	Panghulo NHS
22	Mary Ann C. Persuelo	Tugatog NHS
23	Adelfa Estomaguilo	Panghulo NHS
24	Jasmin A. Rol	MNHS
25	Charmaine Ann M. Teodoro	San Roque NHS
26	Alberto J. Tiangco	San Rafael TVHS
27	Josine R. Suguitao	KHS
28	Karizza C. Farieden	Tanza NHS
29	Rosalie M. Cacio	KHS
30	Mylene V. Erbite	KHS
31	Reaj C. Bautista	KHS
32	Armando Herrera	San Roque NHS
33	Marvin Calanoc	MNHS
34	Julie Reyes	MNHS
35	Erros Josephus Gutierrez	MNHS
36	Abigail Joy Angeles	KHS
37	Eisa R. Mata	Tangos NHS
38	Stephanie Joie Sanchez	KHS
39	Myra Tamayo	San Roque NHS
40	Kurt Russel Linao	KHS

Grade 10		
1	Antonio Abenalis	Longos NHS
2	Amelia Estiva	MNHS
3	Divina M. dela Cruz	Panghulo NHS
4	Gerald Ong	Tanong IS
5	Giovanni Callada	MNHS
6	Imelda T. Del Prado	MNHS TechVOC
7	Jessica E. Soriano	MNHS
8	Leah G. Sagun	MNHS
9	LEDY JAINE M. PABLO	Tanong NHS
10	Maiane Do-Ong	Potero NHS
11	Marjoe Piedad	Potero NHS
12	Michael S. Frondozo	Potero NHS
13	Michelle D. Zambale	Longos NHS
14	Regine S. Chua	Longos NHS
15	Rosalinda M. Agosto	MNHS
16	Ruffio Atienza	Catmon IS
17	Van Geriel D. Guimba	Tugatog NHS
18	Vernaliza Pacheco	Ramon Camus IS
19	Arsenio Dacuva	Tanong IS
20	Wilfon Vasquez	Tugatog NHS
21	Chona Iaine Jazan A. Aduana	Tinajeros NHS
22	Irwin Jopio	Tanong NHS
23	Menandro I. Suria	Tugatog NHS
24	ANGELITA MATOGUINA	MNHS
25	JHOANA L. PERA	MNHS
26	LEO MAR M. SOQUILA	KHS
27	JOSEPH G. BANTUG	San Roque NHS
28	CYNTHIA D. SIBAYAN	San Roque NHS
29	JOHANNA C. TONGCO	San Roque NHS
30	HIVASMIN R. CAMACHO	KHS
31	EVELYN M. BARNEDO	KHS
32	ALMIRA P. LOPEZ	Tangos NHS
33	LOWELLA S. SACMAR	KHS
34	DANIEL G. FRANCISCO	Tanza NHS
35	JENNY-LYN ROSE A. JABON	KHS
36	ROMMEL V. ESTOYA	KHS
37	PATTY MARVL C. VERGARA	San Rafael TVHS
38	Jeffrey Faustino	Utan HS
39	Ramil Cano	Utan HS
40	Mary Ann Magallanes	San Roque NHS

**MTAP-DEPED NCR INTENSIVE TRAINING ON CONTENT FOR SECONDARYMATH TEACHERS**  
**MAY 2018**  
**TRAINING MATRIX**  
**GRADE SEVEN**

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
7:00- 7:30	Registration					
7:45 – 8:00	Management of Learning					
8:00 – 12:00	<b>SESSION 1</b>  Sets and the Real Number System	<b>SESSION 3</b>  Non-routine problems in operations on fractions, decimals, integers	<b>SESSION 5</b>  Solving Linear Inequality in one variable / Linear Equation that contains Absolute Value	<b>SESSION 7</b>  Geometry of shapes and sizes, and geometric relationships	<b>SESSION 9</b>  Relationships of Geometric Figures Using Measurements and by Inductive Reasoning;	<b>SESSION 11</b>  Data Presentation (stem And leaf, ogive)
12:00 – 1:00	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
1:00 – 5:00	<b>SESSION 2</b>  Set operations and VENN diagram	<b>SESSION 4</b>  Properties of Real Numbers as applied in Linear Equations, and Inequalities in one variable.	<b>SESSION 6</b>  Word problems involving Linear Equation in 1 variable	<b>SESSION 8</b>  Geometry (transversal lines, exterior, vertical angles, etc	<b>SESSION 10</b>  Pairs of Angles Construction: Line and Angle Bisector	<b>SESSION 12</b>  Measures of Central Tendency both grouped and ungrouped data
Output	Daily Reflections					

**MTAP-DEPED NCR INTENSIVE TRAINING ON CONTENT FOR SECONDARY MATH TEACHERS**  
**MAY 2018**  
**TRAINING MATRIX**  
**GRADE EIGHT**

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
7:00- 7:30	Registration					
7:45 – 8:00	Management of Learning					
8:00 – 12:00	<b>SESSION 1</b> Factors of Polynomials, Linear Equations and Inequalities	<b>SESSION 3</b> Non-Routine Factoring Techniques & Complex Fractions	<b>SESSION 5</b> Graphing Linear Inequalities in 2 variables	<b>SESSION 7</b> Graphs of Linear function's (a) domain; (b) range; (c) table of values; (d) intercepts; and (e) slope	<b>SESSION 9</b> Congruent Triangles with Proving	<b>SESSION 11</b> Basic Probability
12:00 – 1:00	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
1:00 – 5:00	<b>SESSION 2</b> Operations on Rational Expressions	<b>SESSION 4</b> Systems of Equations in 2-3 variables	<b>SESSION 6</b> Linear Functions with Problem Solving	<b>SESSION 8</b> Writing Proofs ( Column and non-column)	<b>SESSION 10</b> Triangle Inequality	<b>SESSION 12</b> Basic Probability
OUTPUT	DAILY REFLECTIONS					

**MTAP-DEPED NCR INTENSIVE TRAINING ON CONTENT FOR SECONDARY MATH TEACHERS**  
**MAY 2018**  
**TRAINING MATRIX**  
**GRADE NINE**

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
7:00- 7:30	Registration					
7:45 – 8:00	Management of Learning					
8:00 – 12:00	<b>SESSION 1</b> Quadratic Equations	<b>SESSION 3</b> Application of Quadratic Functions	<b>SESSION 5</b> Variations	<b>SESSION 7</b> Quadrilaterals with Problem Solving	<b>SESSION 9</b> Similarities: Properties	<b>SESSION 11</b> Law of Sine & Ambiguous Case in Oblique Triangle
12:00 – 1:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
1:00 – 5:00	<b>SESSION 2</b> Quadratic Inequalities	<b>SESSION 4</b> Translation of Graphs of Quadratic Functions	<b>SESSION 6</b> Radicals: Operations and Properties	<b>SESSION 8</b> Proving Theorems on Different Kinds of Parallelograms; Midline Theorem; and on trapezoids and Kites	<b>SESSION 10</b> Angle Bisector Theorem & Basic Proportionality Theorem	<b>SESSION 12</b> Law of Cosine
OUTPUT	DAILY REFLECTIONS					

**MTAP-DEPED NCR INTENSIVE TRAINING ON CONTENT FOR SECONDARY MATH TEACHERS**  
**MAY 2018**  
**TRAINING MATRIX**  
**GRADE TEN**

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
7:00- 7:30	Registration					
7:45 – 8:00	Management of Learning					
8:00 – 12:00	<b>SESSION 1</b> Arithmetic Sequence with Problem Solving	<b>SESSION 3</b> Remainder Theorem	<b>SESSION 5</b> Polynomial Functions: Graphs & Problem Solving	<b>SESSION 7</b> Power Theorem	<b>SESSION 9</b> Permutation	<b>SESSION 11</b> Probability
12:00 – 1:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
1:00 – 5:00	<b>SESSION 2</b> Geometric Sequence with Problem Solving	<b>SESSION 4</b> Descartes Rule of Signs & Rational Root Theorem (aid in finding roots)	<b>SESSION 6</b> Circles & Coordinate Geometry	<b>SESSION 8</b> Fundamental Principle of Counting	<b>SESSION 10</b> Combination	<b>SESSION 12</b> Probability
OUTPUT	DAILY REFLECTIONS					