



Republic of the Philippines
Department of Education
REGION III – CENTRAL LUZON
SCHOOLS DIVISION OFFICE - SCIENCE CITY OF MUÑOZ

January 12, 2022

DIVISION MEMORANDUM

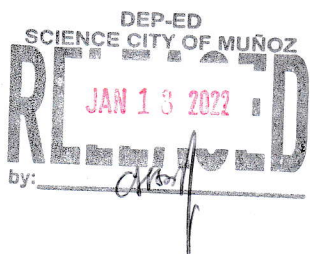
No. 34 , s. 2022

**MONITORING AND EVALUATION OF THE K-12 MELCs IMPLEMENTATION,
ASSESSMENT OF LEARNING OUTCOMES AND GRADING IN MATHEMATICS
FOR SY 2021-2022**

To: Assistant Schools Division Superintendent
Chief Education Supervisors
Education Program Supervisors
School Heads (Public Elementary, Integrated and Secondary Schools)
Mathematics Head Teachers and Coordinators
All Others Concerned

1. For information, guidance, and compliance of all concerned, enclosed is a copy of Regional Memorandum No. 019, s.2022, re: Results of the Pre-test for Project All Numerates in Grades 1-7 Mathematics for School Year 2021-2022.
2. As preparation for the monitoring of the Regional Math EPS, division monitoring shall also be conducted on a quarterly basis by the Division Math EPS during the 1st week of every quarter.
3. Relative to this, an online meeting of Division Math EPS, School Heads, Mathematics Head Teachers and Coordinators shall be conducted on January 18, 2022, 9:00 am via MS Teams through the link <https://tinyurl.com/CoorPlanMeet>

DANTE G. PARUNGAO, CESO VI
Officer-In-Charge
Office of the Schools Division Superintendent



CID2022

Loyal, Excellent, Accountable and Dedicated to Service

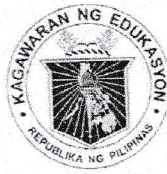


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Certificate No. 50500731 QM15

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REGION III-CENTRAL LUZON

RECORDS SECTION, REGIONAL OFFICE III

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REGIONAL MEMORANDUM

No. 019 s. 2021

RESULTS OF THE PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 - 7 MATHEMATICS FOR SCHOOL YEAR 2021-2022

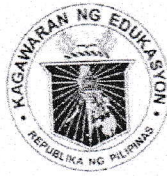
To : Schools Division Superintendents
Curriculum Implementation Division Chiefs
Division Math Education Program Supervisors
Public Elementary and Secondary School Heads/Principals
All Others Concerned

1. The DepEd Region III, through the Curriculum and Management Division (CLMD), issued Regional Memorandum No. 443, s. 2021, to determine the numeracy level of Grades 1-7 learners on the early part of the school year through the administration of pretest last October 25-29, 2021.

2. Relative to the results of the above-mentioned pre-test, the following documents are enclosed for information, guidance, and appropriate actions:

- Enclosure No. 1 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 1
- Enclosure No. 2 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 2
- Enclosure No. 3 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 3
- Enclosure No. 4 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 4
- Enclosure No. 5 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 5
- Enclosure No. 6 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 6
- Enclosure No. 7 - Number of Numerates, Nearly Numerates, and Non-Numerates per Division in Grade 7
- Enclosure No. 8 - Mean Percentage Scores per Grade Level and Division
- Enclosure No. 9 - Top 5 Regional Numeracy Competencies/Skills with the Least Number of Correct Responses for Grades 1-7

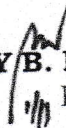
3. Math Education Program Supervisors, school heads/principals, and concerned teachers are enjoined to do necessary interventions for the identified learners who are non-numerates and nearly numerates and make enrichment activities for numerates. Likewise, it is advised that the identified numeracy competencies/skills with the least number of correct responses in each division be given more emphasis during teaching and learning process. Results of all



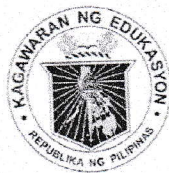
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activities/interventions done per division in uplifting the learners' numeracy skills shall be monitored quarterly by the Regional Math EPS.

4. Wide dissemination of and compliance with this Memorandum is hereby desired.


MAY B. ECLAR, PhD, CESO III
Regional Director

Clmd9
January 7, 2022



Republic of the Philippines
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REGION III-CENTRAL LUZON

Enclosure No. 1 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 1**

Division	Grade 1		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	790	2,031	4,450
Aurora	342	1,398	3,054
Balanga City	840	782	373
Bataan	4344	6,264	3,030
Bulacan	15,423	21,314	8,682
Cabanatuan City	1,019	2,602	2,904
Gapan City	1,542	749	103
Mabalacat City	1,001	1,621	1,062
Malolos City	1,483	1,075	541
Meycauayan City	1,622	1,298	441
Science City of Munoz	978	665	135
Nueva Ecija	11,880	9,015	3,710
Olongapo City	1,198	2,010	1,184
Pampanga	10,958	14,296	5,417
City of San Fernando	1,471	1,211	398
San Jose City	870	1,295	819
City of San Jose Del Monte	3,132	3,972	1,724
Tarlac City	2,514	3,852	672
Tarlac Province	2,815	3,950	2,659
Zambales	8,220	4,243	795
TOTAL	72,442	83,643	42,153



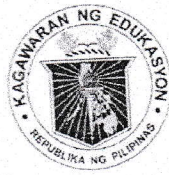
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Enclosure No. 2 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 2**

Division	Grade 2		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	1,398	3,232	2,830
Aurora	610	1,831	2,059
Balanga City	825	671	270
Bataan	5,078	5,974	1,800
Bulacan	14,364	19,483	6,089
Cabanatuan City	1,191	2,458	1,046
Gapan City	1,748	691	108
Mabalacat City	1,685	1,841	1,237
Malolos City	876	1,876	598
Meycauayan City	1,346	2,090	381
Science City of Munoz	885	499 /	90 /
Nueva Ecija	12,510	9,336	3,782
Olongapo City	1,072	1,892	767
Pampanga	11,790	11,218	2,933
City of San Fernando	1,247	1,076	168
San Jose City	899	1,145	527
City of San Jose Del Monte	2,792	3,825	1,465
Tarlac City	3,371	2,854	441
Tarlac Province	2,794	3,487	2,141
Zambales	7,634	3,964	788
TOTAL	74,115	79,443	29,520



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REGION III-CENTRAL LUZON

Enclosure No. 3 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 3**

Division	Grade 3		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	2,648	4,216	1,507
Aurora	1,239	1,956	1,912
Balanga City	1,383	508	198
Bataan	6,754	5,983	1,759
Bulacan	22,479	20,986	5,057
Cabanatuan City	2,296	3,015	778
Gapan City	1,535	852	54
Mabalacat City	1,181	1,926	1,348
Malolos City	1,686	1,183	342
Meycauayan City	1,781	1,509	322
Science City of Munoz	1,087	645	104
Nueva Ecija	15,880	11,735	3,076
Olongapo City	1,958	2,621	1,753
Pampanga	18,021	13,795	2,751
City of San Fernando	2,366	1,106	164
San Jose City	1,299	1,493	475
City of San Jose Del Monte	4,784	3,762	857
Tarlac City	3,076	4,002	582
Tarlac Province	3,333	4,357	2,296
Zambales	7,641	4,212	1,311
TOTAL	102,427	89,862	26,646



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Enclosure No. 4 to Regional Memorandum No. 619, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 4**

Division	Grade 4		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	2,545	3,692	1,001
Aurora	1,113	2,311	1,636
Balanga City	1,380	653	105
Bataan	6,012	5,661	1,531
Bulacan	19,120	2,655	5,213
Cabanatuan City	2,159	2,159	595
Gapan City	1,182	641	62
Mabalacat City	961	1,573	1,174
Malolos City	1,470	1,324	276
Meycauayan City	1,322	1,303	280
Science City of Munoz	941	700	131
Nueva Ecija	15,568	11,600	2,815
Olongapo City	1,723	2,440	482
Pampanga	16,142	12,656	2,271
City of San Fernando	2,044	968	143
San Jose City	1,060	1,481	464
City of San Jose Del Monte	4,224	4,067	762
Tarlac City	3,221	3,651	332
Tarlac Province	3,686	4,235	1,792
Zambales	7,063	4,257	1,605
TOTAL	92,936	68,027	22,670



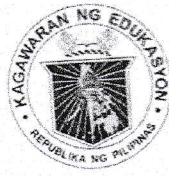
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Enclosure No. 5 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 5**

Division	Grade 5		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	2,617	3,281	849
Aurora	943	1,925	1,217
Balanga City	792	501	46
Bataan	4,928	4,540	931
Bulacan	16,697	17,792	3,912
Cabanatuan City	2,111	2,203	449
Gapan City	1,457	726	98
Mabalacat City	957	1,569	1,054
Malolos City	1,209	1,005	305
Meycauayan City	1,194	1,513	335
Science City of Munoz	718	567	92
Nueva Ecija	11,835	10,302	2,207
Olongapo City	1,330	1,886	419
Pampanga	13,848	9,915	1,641
City of San Fernando	1,587	756	99
San Jose City	839	1,221	336
City of San Jose Del Monte	2821	3,589	1,030
Tarlac City	1,920	3,281	442
Tarlac Province	2,930	3,574	1,411
Zambales	5,270	3,222	1,578
TOTAL	76,003	73,368	18,451



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Enclosure No. 6 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 6**

Division	Grade 6		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	2,744	3,306	891
Aurora	1,097	2,080	1,331
Balanga City	1,218	492	52
Bataan	6,200	4,851	812
Bulacan	18,297	17,449	3,909
Cabanatuan City	2,246	2,615	361
Gapan City	1,119	793	116
Mabalacat City	1,213	1,839	1,126
Malolos City	1,572	1,356	218
Meycauayan City	1,437	1,672	298
Science City of Munoz	831	666	94
Nueva Ecija	13,676	11,530	2,365
Olongapo City	1,604	2,256	537
Pampanga	15,997	10,703	1,500
City of San Fernando	1,942	835	71
San Jose City	957	1,122	326
City of San Jose Del Monte	2,983	3,565	1,078
Tarlac City	1,633	4,844	284
Tarlac Province	4,012	3,931	1,414
Zambales	6,848	3,893	1,435
TOTAL	87,626	79,798	18,218



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Enclosure No. 7 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

**Number of Numerates, Nearly Numerates, and Non-Numerates per
Division in Grade 7**

Division	Grade 7		
	Numerates	Nearly Numerates	Non-Numerates
Angeles City	2,845	2,846	1,195
Aurora	7,092	14,751	906
Balanga City	1,668	553	108
Bataan	6,864	2,630	274
Bulacan	14,133	11,815	3,070
Cabanatuan City	1,541	2,103	229
Gapan City	1,570	833	117
Mabalacat City	1,885	1,345	1,094
Malolos City	656	2,081	320
Meycauayan City	594	877	413
Science City of Munoz	1,341	269	76
Nueva Ecija	14,005	11,227	2,221
Olongapo City	2,404	2,131	120
Pampanga	12,504	8,439	1,348
City of San Fernando	1,778	501	12
San Jose City	1,923	655	238
City of San Jose Del Monte	3,134	2,080	389
Tarlac City	2,414	1,675	381
Tarlac Province	1,180	1,628	1,955
Zambales	5,801	3,409	1,444
TOTAL	85,332	71,848	15,910



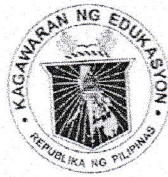
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REGION III-CENTRAL LUZON

Enclosure No. 8 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
MATHEMATICS

Mean Percentage Score (MPS) per Grade Level and Division

Division	Mean Percentage Score (MPS)						
	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7
Angeles City	35.68	45.66	52.64	54.76	54.55	54.12	55.49
Aurora	31.85	30.77	30.78	30.90	30.8	30.8	24.34
Balanga City	59.98	60.80	65.32	66.69	61.26	61.74	24.53
Bataan	57.18	63.07	66.21	66.62	66.74	68.23	66.84
Bulacan	54.52	52.4	59.83	62.18	60.33	62.81	52.68
Cabanatuan City	51.55	56.75	60.25	59.2	61.96	60.2	55.3
Gapan City	52.98	60.85	56.68	59.15	57.3	58.37	62.08
Mabalacat City	57.12	52.3	53.71	60.27	56.99	51.18	63.77
Malolos City	58.13	63.11	63.62	65.64	63.34	62.72	59.62
Meycauayan City	54.29	52.23	60.72	58.79	56.09	57	54.91
Science City of Munoz	63.57	66.15	61.83	58.22	59.26	59.62	72.22
Nueva Ecija	57.67	64.35	61.12	63.27	61.82	62.17	63.15
Olongapo City	55.12	63.58	64.73	61.33	63.31	62.72	60.8
Pampanga	53.52	54.5	61.22	61.18	62.43	60.02	71.11
City Of San Fernando	70.88	70.9	74.87	70.2	70.46	71.55	76.91
San Jose City	57.99	60.87	63.96	59.44	60.94	63.3	62.08
City of San Jose Del Monte	52.19	50.22	59.08	60.4	51.09	53.25	61.69
Tarlac City	52.7	56.11	58.56	57.21	56.22	60.33	59.98
Tarlac Province	62.72	64.38	63.83	65.49	65.31	67.57	48.98
Zambales	52.67	55.54	52.39	52.17	52.99	48.78	59.35
Average (Regional MPS)	54.62	57.23	59.57	59.66	58.66	58.82	57.79



Republic of the Philippines
Department of Education
 REGION III-CENTRAL LUZON

Enclosure No. 9 to Regional Memorandum No. 019, s. 2022

RESULTS OF 2021 PRE-TEST FOR PROJECT ALL NUMERATES IN GRADES 1 -7
 MATHEMATICS

**Top 5 Regional Numeracy Competencies/Skills with the Least Number
 of Correct Responses for Grades 1-7**

Grade 1				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	Subtracts mentally one-digit number from two-digit minuends without regrouping using appropriate strategies	week 7	M1NS-Ii-33.1	Q2
2	Visualizes and solves one-step routine and non-routine problems involving addition of whole numbers including money with sums up to 99 using appropriate problem solving strategies	week 3	M1NS-Ile-29.1	Q2
3	Visualizes, represents, and solves routine and non-routine problems involving subtraction of whole numbers including money with minuends up to 99 with and without regrouping using appropriate problem solving strategies and tools	Week 8	M1NS-Ili-34.1	Q2
4	Tells and writes time by hour, half hour, and quarter hour using analog clock	week 3	M1NS-IIf-9.1	Q4
5	Reads and writes numbers up to 100 in symbols and in words	week 5	M1NS-IIf-9.1	Q1

Grade 2				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	Visualizes and represents numbers from 0-1000 with emphasis on numbers 101 - 1000 using a variety of materials	week 1	M2NS-Ia-1.2	Q1
2	Reads and writes numbers up to 1000 in symbols and in words	week 2	M2NS-Ic-9.2	Q1
3	Solves routine and non-routine problems involving addition of whole numbers including money with sums up to 1000 using appropriate problem solving strategies and tools	week 9	M2NS-Ij-29.2	Q1
4	Visualizes and represents, and subtracts 2 to 3 digit numbers with minuends up to 999 without and with regrouping	week 1	M2NS-Ila-32.5	Q2
5	Solves routine and non routine problems involving division of numbers by 2,3,4,5, and 10 and with any of the other operations of whole numbers, including money using appropriate problem solving strategies and tools	week 4	M2NS-Ilic-56.1	Q3

Grade 3				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	Solves routine and non-routine problems involving subtraction with or without addition of whole numbers including money using appropriate problem solving strategies and tools.	week 9	M3NS-Ii-34.5	Q1
2	Multiplies numbers: 2 to 3 digit numbers by 1 digit numbers without and with regrouping	week 2 -3		Q2
3	Solves routine and non-routine problems involving addition of whole numbers with sums up to 10 000 including money using appropriate problem solving strategies	week 6	M3NS-IIf-29.3	Q1
4	Visualizes, represents, and converts time measure: a) from seconds to minutes, minutes to hours, and hours to a day and vice versa	week 1		Q4
5	Subtracts 3 to 4 digit numbers from 3 to 4 digit numbers without and with regrouping	week 7	M3NS-Ig-32.6	Q1



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Grade 4				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	a) Solves routine and non-routine problems involving division of 3 to 4 digit numbers by 1 to 2 digit numbers including money using appropriate problem solving strategies and tools. b) Solves multi-step routine and non-routine problems involving division and any of the other operations of whole numbers including money using appropriate problem solving strategies and tools	week 8	M4NS-lh-56.4	Q1
2	Solves routine and non-routine problems involving multiplication of whole numbers including money using appropriate problem solving strategies and tools.	Week 4	M4NS-ld-45.4	Q1
3	Solves multi-step routine and non-routine problems involving multiplication and addition or subtraction using appropriate problem solving strategies and tools	week 5	M4NS-le-45.4	Q1
4	Divides 3 to 4 digit numbers by 1 to 2 digit numbers without and with remainder	week 6	M4NS-lf-54.3	Q1
5	Solves problems involving elapsed time	week 6	M4ME-lllg-13	Q3

Grade 5				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	Solves routine and non-routine problems involving addition and/or subtraction of fractions using appropriate problem solving strategies and tools.	Week 5	M5NS-lf-87.2	Q1
2	Solves routine and non-routine problems involving division without or with any other operations of fractions and whole numbers including money using appropriate problem solving strategies and tools.	week 9	M5NS-lj-97.1	Q1
3	Multiplies decimals up to 2 decimal places by 1 to 2 digit whole numbers	week 4	M5NS-ld-111.1	Q2
4	Divides decimals with up to 2 decimal places	Week 6	M5NS-lhf-116.1	Q2
5	Solves routine and non-routine problems involving multiplication without or with addition or subtraction of fractions and whole numbers including money using appropriate problem solving strategies and tools.	week 7	M5NS-lh-92.1	Q1

Grade 6				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	Solves routine and non-routine problems involving finding the percentage, rate, and base using appropriate problem solving strategies and tools.	week 3	M6NS-ld-143	Q2
2	Solves multi-step routine and non-routine problems involving division and any of the other operations of decimals, mixed decimals, and whole numbers including money using appropriate problem solving strategies and tools	week 10	M6NS-lj-120.3	Q1
3	Solves problems involving direct proportion, partitive proportions and inverse proportion in different contexts such as distance, rate, and time using appropriate strategies and tools	week 2	M6NS-lhc-134	Q2
4	Divides : a. whole numbers by decimal up to 2 decimal places and vice versa	Week 7		Q1
5	Divides simple fractions and mixed fractions	Week 3	M6NS-lc-96.2	Q1

Grade 7				
RANK	COMPETENCIES/SKILLS	Week no.	CG Code	Quarter
1	Adds and subtracts Polynomials	week	M7AL-ld-2	Q2
2	Multiplies and divides Polynomials	week 5	M7AL-lle-2	Q2
3	Performs Fundamental Operations on Integers	week 3	M7NS-LC-D-1	Q1
4	Performs Fundamental Operations on Rational Numbers	week 5	M7NS-lf-1	Q1
5	Performs Fundamental Operations on Fractions	week 1		Q1