



Republic of the Philippines
Department of Education
Region III
SCHOOLS DIVISION OF PAMPANGA

April 30, 2024

DIVISION MEMORANDUM
NO. 260, s. 2024

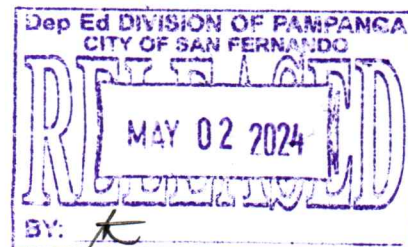
**PROVISION AND DISTRIBUTION OF MATHEMATICAL LEARNING
RESOURCES (MANIPULATIVE MATERIALS)**

To: Assistant Schools Division Superintendents
CID and SGOD Chiefs
Public School District Supervisors
Heads of Elementary Schools
School Property Custodians
District Property Custodians
All Others Concerned

1. This Office announces the district delivery and distribution of Mathematical Learning Resources (Manipulative Materials to Public Elementary Schools for FY 2024 as per the released SARO No.: OSEC-3-23-6798.
2. Delivery date will start on May 02, 2024 onwards. Attached herewith are the approved specifications / authorized products, expected schedule of delivery, recipients' list / distribution, and references for the said items.
3. Immediate and wide dissemination of this Memorandum is desired.


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

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Encl.: As stated.
osds-supply-2024-04-014



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**PROVISION AND DISTRIBUTION OF MATHEMATICAL LEARNING RESOURCES
(MANIPULATIVE MATERIALS)**

LIST OF ITEMS WITH SPECIFICATION

APPENDIX A

	Unit	Item Description	
		PROCUREMENT OF MATHEMATICAL LEARNING RESOURCES (MANIPULATIVE MATERIALS)	
1	pack	Regular Popsicle Sticks	
		Each wooden stick measures 4.475 inches (112.7mm) long by .375 inches (9.5mm) wide. Standard Craft Sticks are available in package quantities of 100	
2	packs	Plastic Container (use for groupings and comparing)	
		Microwavable Plastic Container SQ 1000 – Square 1000 ml / 40 oz Dimension: 16 x 16 x 5 cm * 10 pcs per pack	
3	sets	Play Money (Philippine Currency)	
		Bills and/or a number of coins (excluding centavo coins) up to P100 for Grade 1 Bills and/or a number of coins, centavo coins up to P1000 for Grade 2	
4	pcs	Geoboard	
		Plastic Geoboard 16 cm x 16 cm use rubber band to form different shapes	
5	sets	Magnetic Fraction Tiles and Fraction Circles	
		Includes 9 magnetic fraction tiles (1 whole, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{8}$, $\frac{1}{10}$, and $\frac{1}{12}$ values) and 9 magnetic fraction circles (1 whole, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{8}$, $\frac{1}{10}$, $\frac{1}{12}$ values), total 102 pcs of magnetic segments with numbers on 9 colors. Use them alone or together to meet your various educational needs.	



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		Magnetic fractions tiles and fractions circles are backed by strong magnets, which is not only easy for educational demonstrations on whiteboards or magnetic blackboards, but also easy for children to operate and self-learn. Each tile and magnet circles have 5mm EVA foam, which has a durable scratch-resistant technology laminated surface.	
		These colored magnets represent fraction in two different ways: round and rectangular. It can help students visualize learning fraction counting. The bright colors and contrasting numbers make the learning process easy and fun, and very intuitive. Excellent mathematical operation tools, specific models are a good way to build understanding.	
		9 whole tiles size is 20.2 x 2.5 x 0.5 cm/7.95 x 0.98 x 0.19 inch; 9 magnetic circleseach diameter is 8.9 cm / 3.5 inch, and thickness is 0.5 cm / 0.19 inch. It is very suitable for the interactive courses of elementary school classrooms, kindergarten or mathematical learning tools for schooling at home.	
	6 pcs	Dry erase place Value Whiteboard	
		Each Math dry-erase board has a dimension of 12" x 9"	



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		Both sides are usable. One side of the board can be used to help students learn to write numbers from decimals to billions in standard, word and expanded form, and the other side of the board is a regrouping chart.	
		It must be reusable math dryerase boards	
		The math dry-erase boards are made of 100% safe, nontoxic, and skin-friendly material	
	7 sets	Base-ten blocks	
		Units (Ones) Shape: Cubes Color: Yellow Dimensions: 1 cm x 1 cm x 1 cm	
		Tens Shape: Rods Color: Green Length and width: 1 cm x 10 cm Thickness: 1 cm	
		Hundreds Shape: Flats Color: Blue Dimension: Length and width: 10 cm Thickness: 1 cm	
		Thousands Shape Color: red Dimension: 10 cm x 10 cm x 10 cm	
	8 packs	Tub of Numbers Math Tiles	
		Plastic number tiles measure 1" x 1"	
		With addition, subtraction, multiplication, division and equal symbol	



Department of Education
Region III
SCHOOLS DIVISION OFFICE OF PAMPANGA
High School Blvd., Brgy. Lourdes, City of San Fernando, Pampanga, 2000



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	Unit	Item Description	
		PROCUREMENT OF MATHEMATICAL LEARNING RESOURCES (MANIPULATIVE MATERIALS)	

APPENDIX B

No.	Arayat East District	Regular Popsicle Sticks (1314)	Plastic Container (1311)	Play Money (1311)	Geoboard (1305)	Magnetic fraction Tiles and Fraction Circles (1305)	Dry erase place Value Whiteboard (1305)	Base-ten blocks (1305)	Tub of Numbers Math Tiles (1305)
7	Gandus ES	6	6	6	6	6	6	6	6
8	Laput ES	6	6	6	6	6	6	6	6
9	Malino ES	6	6	6	6	6	6	6	6
10	Panipuan ES	6	6	6	6	6	6	6	6
11	Pangatlan ES	6	6	6	6	6	6	6	6
12	San Miguel ES	6	6	6	6	6	6	6	6
13	San Patricio ES	6	6	6	6	6	6	6	6
14	San Rafael ES	6	6	6	6	6	6	6	6
15	Sta Cruz ES	6	6	6	6	6	6	6	6
16	Sto Rosario ES	6	6	6	6	6	6	6	6
17	Suclaban ES	6	6	6	6	6	6	6	6
TOTAL		102	102	102	102	102	102	102	102
Porac East District									
1	Babo Pangulo Elementary School	6	6	6	6	6	6	6	6
2	Babo Sacan Elementary School	6	6	6	6	6	6	6	6
3	Balik-Barangay Elementary School	6	6	6	6	6	6	6	6
4	Calzadang Bayu Elementary School	6	6	6	6	6	6	6	6
5	Diaz Elementary School	6	6	6	6	6	6	6	6
6	Dolores Elementary School	6	6	6	6	6	6	6	6
7	Francisco Henson Elementary School	6	6	6	6	6	6	6	6
8	Manibaug Elementary School	6	6	6	6	6	6	6	6
9	Manibaug Paralaya Elementary School	6	6	6	6	6	6	6	6
10	Manibaug Pasig Elementary School	6	6	6	6	6	6	6	6
11	Porac Elementary School	6	6	6	6	6	6	6	6
12	Sapang Uwak Elementary School	6	6	6	6	6	6	6	6
13	Sinura Elementary School	6	6	6	6	6	6	6	6
14	Sta. Cruz Elementary School	6	6	6	6	6	6	6	6
15	Villa Maria Integrated School	6	6	6	6	6	6	6	6
TOTAL		90	90	90	90	90	90	90	90
Porac West District									
1	Balubad Elementary School	6	6	6	6	6	6	6	6
2	Camias Resettlement Elementary School	6	6	6	6	6	6	6	6
3	Jalung Elementary School	6	6	6	6	6	6	6	6
4	Katutubo Village Elementary School	6	6	6	6	6	6	6	6
5	Mancatian Elementary School	6	6	6	6	6	6	6	6
6	Mancatian Balik Rarangay Elementary Sch	6	6	6	6	6	6	6	6
7	Mitla Elementary School	6	6	6	6	6	6	6	6
8	Mitla Balik Barangay Elementary School	6	6	6	6	6	6	6	6
9	Palat Elementary School	6	6	6	6	6	6	6	6
10	Pias Elementary School	6	6	6	6	6	6	6	6
11	Pio Elementary School	6	6	6	6	6	6	6	6
12	Planas Elementary School	6	6	6	6	6	6	6	6
13	Pulung Santol Elementary School	6	6	6	6	6	6	6	6
14	Salu Elementary School	6	6	6	6	6	6	6	6
15	Sepung Bulaun Elementary School	6	6	6	6	6	6	6	6
TOTAL		90	90	90	90	90	90	90	90
San Luis District									
1	BEBE E/S	6	6	6	6	6	6	6	6
2	DEABES	6	6	6	6	6	6	6	6
3	Margarita Primary School	6	6	6	6	6	6	6	6
4	San Agustin E/S	6	6	6	6	6	6	6	6
5	San Carlos E/S	6	6	6	6	6	6	6	6
6	San Isidro E/S	6	6	6	6	6	6	6	6
7	San Jose Main E/S	6	6	6	6	6	6	6	6
8	San Jose Proper E/S	6	6	6	6	6	6	6	6
9	San Juan E/S	6	6	6	6	6	6	6	6
10	San Luis Central School	6	6	6	6	6	6	6	6
11	San Nicolas E/S	6	6	6	5	5	5	5	5
12	San Roque E/S	6	6	6	5	5	5	5	5
13	Sta Catalina E/S	6	6	6	5	5	5	5	5

APPENDIX B

No.		Regular Popsicle Sticks (1314)	Plastic Container (1311)	Play Money (1311)	Geoboard (1305)	Magnetic fraction Tiles and Fraction Circles (1305)	Dry erase place Value Whiteboard (1305)	Base-ten blocks (1305)	Tub of Numbers Math Tiles (1305)
Apalit District									
7	Caingin Elementary School	6	6	6	6	6	6	6	6
8	Malauli Elementary School	6	6	6	6	6	6	6	6
9	Nigui Elementary School	6	6	6	6	6	6	6	6
10	Puti Elementary School	6	6	6	6	6	6	6	6
11	Sagrada Familia Elementary School	6	6	6	6	6	6	6	6
12	San Pedro Elementary School	6	6	6	6	6	6	6	6
13	Sapang Kawayan Elementary School	6	6	6	6	6	6	6	6
TOTAL		78	78	78	78	78	78	78	78
Masantol North District									
1	Cambasi Elementary School	6	6	6	6	6	6	6	6
2	Masantol Elementary School	6	6	6	6	6	6	6	6
3	Palimpe Elementary School	6	6	6	6	6	6	6	6
4	San Isidro Elementary School	6	6	6	6	6	6	6	6
5	San Nicolas Elementary School	6	6	6	6	6	6	6	6
6	Sta. Cruz Annex Elementary School	6	6	6	6	6	6	6	6
7	Sta. Cruz Main Elementary School	6	6	6	6	6	6	6	6
8	Sta. Lucia Elementary School	6	6	6	6	6	6	6	6
9	Sua Elementary School	6	6	6	6	6	6	6	6
TOTAL		54	54	54	54	54	54	54	54
Minalin District									
1	Bulac Elementary School	6	6	6	6	6	6	6	6
2	Dawe Elementary School	6	6	6	6	6	6	6	6
3	Lourdes Elementary School	6	6	6	6	6	6	6	6
4	Maniango Elementary School	6	6	6	6	6	6	6	6
5	Minalin Elementary School	6	6	6	6	6	6	6	6
6	San Francisco Elementary School	6	6	6	6	6	6	6	6
7	San Isidro Elementary School	6	6	6	6	6	6	6	6
8	San Pedro Elementary School	6	6	6	6	6	6	6	6
9	Saplac Elementary School	6	6	6	6	6	6	6	6
10	Sta. Maria Elementary School	6	6	6	6	6	6	6	6
11	Sta. Rita Elementary School	6	6	6	6	6	6	6	6
12	Sto. Domingo Elementary School	6	6	6	6	6	6	6	6
TOTAL		72	72	72	72	72	72	72	72
San Simon District									
1	Concepcion Integrated School	6	6	6	6	6	6	6	6
2	Dela Paz ES	6	6	6	6	6	6	6	6
3	San Agustin ES	6	6	6	6	6	6	6	6
4	San Isidro ES	6	6	6	6	6	6	6	6
5	San Jose ES	6	6	6	6	6	6	6	6
6	San Juan ES	6	6	6	6	6	6	6	6
7	San Miguel ES	6	6	6	6	6	6	6	6
8	San Nicolas ES	6	6	6	6	6	6	6	6
9	San Pablo ES	6	6	6	6	6	6	6	6
10	San Pedro ES	6	6	6	6	6	6	6	6
11	San Simon ES	6	6	6	6	6	6	6	6
12	Sta. Cruz ES	6	6	6	6	6	6	6	6
13	Sta. Monica ES	6	6	6	6	6	6	6	6
14	Sto. Nino ES	6	6	6	6	6	6	6	6
TOTAL		84	84	84	84	84	84	84	84
Sto Tomas District									
1	SAN MATIAS ES (SMES)	6	6	6	6	6	6	6	6
2	SAN VICENTE ES (SVES)	6	6	6	6	6	6	6	6
3	SAPA ES (SES)	6	6	6	6	6	6	6	6
4	STO. TOMAS ES (STES)	6	6	6	6	6	6	6	6
5	STO. ROSARIO ES (SRES)	6	6	6	6	6	6	6	6
6	MORAS DELA PAZ ES (MES)	6	6	6	6	6	6	6	6
7	SAN BARTOLOME ES (SBES)	6	6	6	5	5	5	5	5
8	BALANGCAS ES (BES)	6	6	6	5	5	5	5	5
9	DON EMIGDIO A. BONDOC ES (DEABES)	6	6	6	5	5	5	5	5
TOTAL		54	54	54	51	51	51	51	51

