

LIST OF ITEMS

a. 2022 Rebid

Lot No.	Item No.	Description	Total Quantities/ Unit of Measurement	APPROVED BUDGET FOR THE CONTRACT (ABC) in Php
I. MASS PRODUCTION ITEMS				
BLR-DEVELOPED STORAGE CABINETS				
1-A	1	BLR-developed Storage Cabinet	3,478 pc	79,411,482.12
1-B	1	BLR-developed Storage Cabinet	3,250 pc	74,205,669.03
1-C	1	BLR-developed Storage Cabinet	4,076 pc	93,065,325.22
II. SCIENCE AND MATHEMATICS EQUIPMENT (MARKET ITEMS)				
CHEMICALS				
2-A	1	Benedict's Solution, 100ml/bottle	928 bot	8,352,359.81
	2	Boric Acid, 100 grams / bottle	928 bot	
	3	Bromothymol Blue	702 bottle	
	4	Calcium Chloride, 100 grams / bottle	928 bot	
	5	Chemicals Storage Box	928 pc	
	6	Copper Sulfate, CuSO ₄ , 100 grams / bottle	928 bot	
	7	Gentian Violet, 100 ml / bottle	702 botte	
	8	Iodine Solution, 100 ml / bottle	715 bottle	

	9	Magnesium Ribbon, 25 grams, 1 roll	928	roll	
	10	Manganese Dioxide, 50 grams / bottle	928	bottle	
	11	Microscope's Immersion Oil, 100mL/bot	702	bottle	
	12	Phenolphthalein, 100 grams/bottle	715	bottle	
	13	Potassium Chloride, 100 grams / bottle	928	bottle	
	14	Potassium Iodide, 100 grams / bottle	928	bottle	
	15	Sodium Hydroxide (Lye), 250 grams/bottle	928	bottle	
	16	Yeast, active dry, 100 grams / bottle	702	bottle	
	17	Zinc Chloride, 100 grams / bottle	928	bottle	
	18	Zinc metal, pellets/mossy, 100 grams / bottle	928	bottle	
2-B	1	Benedict's Solution, 100ml/bottle	1,316	bot	12,106,318.84
	2	Boric Acid, 100 grams / bottle	1,316	bot	
	3	Bromothymol Blue	1,094	bottle	
	4	Calcium Chloride, 100 grams / bottle	1,316	bot	
	5	Chemicals Storage Box	1,316	pc	
	6	Copper Sulfate, CuSO ₄ , 100 grams / bottle	1,316	bot	
	7	Gentian Violet, 100 ml / bottle	1,094	botte	
	8	Iodine Solution, 100 ml / bottle	1,162	bottle	
	9	Magnesium Ribbon, 25 grams, 1 roll	1,316	roll	

	10	Manganese Dioxide, 50 grams / bottle	1,316	bottle	
	11	Microscope's Immersion Oil, 100mL/bot	1,094	bottle	
	12	Phenolphthalein, 100 grams/bottle	1,162	bottle	
	13	Potassium Chloride, 100 grams / bottle	1,316	bottle	
	14	Potassium Iodide, 100 grams / bottle	1,316	bottle	
	15	Sodium Hydroxide (Lye), 250 grams/bottle	1,316	bottle	
	16	Yeast, active dry, 100 grams / bottle	1,094	bottle	
	17	Zinc Chloride, 100 grams / bottle	1,316	bottle	
	18	Zinc metal, pellets/mossy, 100 grams / bottle	1,316	bottle	
2-C	1	Benedict's Solution, 100ml/bottle	1,753	bot	16,023,498.08
	2	Boric Acid, 100 grams / bottle	1,753	bot	
	3	Bromothymol Blue	1,426	bottle	
	4	Calcium Chloride, 100 grams / bottle	1,753	bot	
	5	Chemicals Storage Box	1,753	pc	
	6	Copper Sulfate, CuSO4, 100 grams / bottle	1,753	bot	
	7	Gentian Violet, 100 ml / bottle	1,426	botte	
	8	Iodine Solution, 100 ml / bottle	1,473	bottle	
	9	Magnesium Ribbon, 25 grams, 1 roll	1,753	roll	
	10	Manganese Dioxide, 50 grams / bottle	1,753	bottle	

11	Microscope's Immersion Oil, 100mL/bot	1,426	bottle
12	Phenolphthalein, 100 grams/bottle	1,473	bottle
13	Potassium Chloride, 100 grams / bottle	1,753	bottle
14	Potassium Iodide, 100 grams / bottle	1,753	bottle
15	Sodium Hydroxide (Lye), 250 grams/bottle	1,753	bottle
16	Yeast, active dry, 100 grams / bottle	1,426	bottle
17	Zinc Chloride, 100 grams / bottle	1,753	bottle
18	Zinc metal, pellets/mossy, 100 grams / bottle	1,753	bottle

GLASSWARES AND LAB TOOLS

1	Beaker, borosilicate, 250 mL	13,815	pc
2	Beaker, borosilicate, 50 mL	4,640	pc
3	Burette, 10 mL capacity (acid)	65	pc
4	Burette, 10 mL capacity (base)	65	pc
5	Burner, Alcohol, glass, 150 ml. Capacity	13,815	pc
6	Burner, Bunsen	4,640	pc
7	Cork Stopper # 5 (for Ø 16mm test tube)	4,640	pc
8	Crucible with lid/cover	4,640	pc
9	Dish, Evaporating, 75 mL	13,815	pc
10	Distillation set-up: Condenser, Liebig-type	26	pc

3-A

17,493,357.03

11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	26 pc
12	Double burette clamp	65 pc
13	Electrolysis Apparatus, student-type (Brownlee)	4,640 pc
14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	27,630 pc
15	Funnel, borosilicate, fluted	13,815 pc
16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	9,280 pc
17	Manometer, Open U-tube	65 pc
18	Mortar and Pestle, porcelain, 150 mL.	9,210 pc
19	Osmosis Apparatus	65 pc
20	Pipette, Beral, 1 mL	92,100 pc
21	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,130 pc
22	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	4,640 pc
23	Rubber Stopper # 0 (for Ø 16mm test tube)	4,640 pc
24	Spoon-spatula, porcelain and glazed	13,815 pc
25	Stirring Rod, Ø 6 mm x 250 mm long	13,815 pc
26	Test tube brush	138,150 pc
27	Test Tube, borosilicate, Ø 16 mm x 150 mm long	13,815 pc
28	Tong, Beaker	1,130 pc
29	Tong, Crucible	4,640 pc

	30	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	69,075 pc	
	31	Vial, screw-neck, 50 ml. (with screw-type plastic cap)	69,075 pc	
	32	Watch Glass, Ø 90mm	13,815 pc	
3-B	1	Beaker, borosilicate, 250 mL	10,440 pc	18,825,030.60
	2	Beaker, borosilicate, 50 mL	6,580 pc	
	3	Burette, 10 mL capacity (acid)	340 pc	
	4	Burette, 10 mL capacity (base)	340 pc	
	5	Burner, Alcohol, glass, 150 ml. Capacity	10,440 pc	
	6	Burner, Bunsen	6,580 pc	
	7	Cork Stopper # 5 (for Ø 16mm test tube)	6,580 pc	
	8	Crucible with lid/cover	6,580 pc	
	9	Dish, Evaporating, 75 mL	10,440 pc	
	10	Distillation set-up: Condenser, Liebig-type	136 pc	
	11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	136 pc	
	12	Double burette clamp	340 pc	
	13	Electrolysis Apparatus, student-type (Brownlee)	6,580 pc	
	14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	20,880 pc	
	15	Funnel, borosilicate, fluted	10,440 pc	
	16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	13,160 pc	

	17	Manometer, Open U-tube	340 pc	
	18	Mortar and Pestle, porcelain, 150 mL.	8,515 pc	
	19	Osmosis Apparatus	340 pc	
	20	Pipette, Beral, 1 mL	85,150 pc	
	21	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,110 pc	
	22	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	6,580 pc	
	23	Rubber Stopper # 0 (for Ø 16mm test tube)	6,580 pc	
	24	Spoon-spatula, porcelain and glazed	10,440 pc	
	25	Stirring Rod, Ø 6 mm x 250 mm long	10,440 pc	
	26	Test tube brush	104,400 pc	
	27	Test Tube, borosilicate, Ø 16 mm x 150 mm long	10,440 pc	
	28	Tong, Beaker	1,110 pc	
	29	Tong, Crucible	6,580 pc	
	30	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	52,200 pc	
	31	Vial, screw-neck, 50 ml. (with screw-type plastic cap)	52,200 pc	
	32	Watch Glass, Ø 90mm	10,440 pc	
3-C	1	Beaker, borosilicate, 250 mL	13,015 pc	23,695,623.83
	2	Beaker, borosilicate, 50 mL	8,765 pc	
	3	Burette, 10 mL capacity (acid)	235 pc	
	4	Burette, 10 mL capacity (base)	235 pc	

5	Burner, Alcohol, glass, 150 ml. Capacity	13,015 pc
6	Burner, Bunsen	8,765 pc
7	Cork Stopper # 5 (for Ø 16mm test tube)	8,765 pc
8	Crucible with lid/cover	8,765 pc
9	Dish, Evaporating, 75 mL	13,015 pc
10	Distillation set-up: Condenser, Liebig-type	94 pc
11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	94 pc
12	Double burette clamp	235 pc
13	Electrolysis Apparatus, student-type (Brownlee)	8,765 pc
14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	26,030 pc
15	Funnel, borosilicate, fluted	13,015 pc
16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	17,530 pc
17	Manometer, Open U-tube	235 pc
18	Mortar and Pestle, porcelain, 150 mL.	10,890 pc
19	Osmosis Apparatus	235 pc
20	Pipette, Beral, 1 mL	108,900 pc
21	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,635 pc
22	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	8,765 pc
23	Rubber Stopper # 0 (for Ø 16mm test tube)	8,765 pc
24	Spoon-spatula, porcelain and glazed	13,015 pc
25	Stirring Rod, Ø 6 mm x 250 mm long	13,015 pc
26	Test tube brush	130,150 pc

	27	Test Tube, borosilicate, Ø 16 mm x 150 mm long	13,015 pc	
	28	Tong, Beaker	1,635 pc	
	29	Tong, Crucible	8,765 pc	
	30	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	65,075 pc	
	31	Vial, screw-neck, 50 ml. (with screw-type plastic cap)	65,075 pc	
	32	Watch Glass, Ø 90mm	13,015 pc	
	SCIENCE POWERED DEVICES AND INSTRUMENTS			14,653,918.62
4-A	1	Balance, Toploading, Electronic	226 unit	
	2	Centrifuge	13 set	
	3	Electrical Conductivity (Conductivity of Solutions) Apparatus	3,575 unit	
	4	Laboratory Hot Plate with magnetic stirrer	715 unit	
	5	Microscope, Digital	226 pc	
	6	Soil pH, Moisture, Sunlight Meter	1,130 set	
	7	Telescope, Astronomical (Reflecting)	226 kit	
4-B	1	Balance, Toploading, Electronic	222 unit	
	2	Centrifuge	68 set	
	3	Electrical Conductivity (Conductivity of Solutions) Apparatus	5,810 unit	19,466,220.41
	4	Laboratory Hot Plate with magnetic stirrer	1,162 unit	
	5	Microscope, Digital	222 pc	

	6	Soil pH, Moisture, Sunlight Meter	1,110 set	
	7	Telescope, Astronomical (Reflecting)	222 kit	
4-C	1	Balance, Toploading, Electronic	327 unit	25,767,101.23
	2	Centrifuge	47 set	
	3	Electrical Conductivity (Conductivity of Solutions) Apparatus	7,365 unit	
	4	Laboratory Hot Plate with magnetic stirrer	1,473 unit	
	5	Microscope, Digital	327 pc	
	6	Soil pH, Moisture, Sunlight Meter	1,635 set	
	7	Telescope, Astronomical (Reflecting)	327 kit	
	MATHEMATICAL MANIPULATIVES			
5-A	1	Algebra Tile Set, plastic	702 set	53,370,924.75
	2	Base Ten Blocks	9,175 set	
	3	Beads	921 set	
	4	Circle Area Demonstrator	1,835 pcs	
	5	Compass, Drawing, student type	101,480 pcs	
	6	Cuisenaire Rods, set of 5	1,835 set	
	7	Elapsed Time (Clock) Set	921 pcs	
	8	Geoboard, 11 x 11	25,370 pcs	
	9	Geoboard, 5 x 5	18,350 pcs	

10	Geostrips	12,685 set	
11	Ghost Grid Whiteboard, Mobile Magnetic	7,368 pcs	
12	Linking Cubes	9,175 set	
13	Model, Basic 3D Geometrical Collapsible	4,570 set	
14	Model, Basic 3D Geometrical Solids	1,835 set	
15	Pattern Blocks, 250 pcs/set	3,670 set	
16	Pentominoes	9,175 set	
17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	4,605 set	
18	Probability Kit	2,537 set	
19	Tangrams, set of 30	2,537 set	
5-B	1	Algebra Tile Set, plastic	1,094 set
	2	Base Ten Blocks	3,860 set
	3	Beads	385 set
	4	Circle Area Demonstrator	772 pcs
	5	Compass, Drawing, student type	74,640 pcs
	6	Cuisenaire Rods, set of 5	772 set
	7	Elapsed Time (Clock) Set	385 pcs
	8	Geoboard, 11 x 11	18,660 pcs
	9	Geoboard, 5 x 5	7,720 pcs

41,126,709.24

10	Geostrips	9,330 set	
11	Ghost Grid Whiteboard, Mobile Magnetic	6,812 pcs	
12	Linking Cubes	3,860 set	
13	Model, Basic 3D Geometrical Collapsible	1,935 set	
14	Model, Basic 3D Geometrical Solids	772 set	
15	Pattern Blocks, 250 pcs/set	1,544 set	
16	Pentominoes	3,860 set	
17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	1,925 set	
18	Probability Kit	1,866 set	
19	Tangrams, set of 30	1,866 set	
5-C	1	Algebra Tile Set, plastic	1,426 set
	2	Base Ten Blocks	4,250 set
	3	Beads	425 set
	4	Circle Area Demonstrator	850 pcs
	5	Compass, Drawing, student type	91,040 pcs
	6	Cuisenaire Rods, set of 5	850 set
	7	Elapsed Time (Clock) Set	425 pcs
	8	Geoboard, 11 x 11	22,760 pcs
	9	Geoboard, 5 x 5	8,500 pcs

51,199,398.31

10	Geostrips	11,380 set
11	Ghost Grid Whiteboard, Mobile Magnetic	8,712 pcs
12	Linking Cubes	4,250 set
13	Model, Basic 3D Geometrical Collapsible	2,125 set
14	Model, Basic 3D Geometrical Solids	850 set
15	Pattern Blocks, 250 pcs/set	1,700 set
16	Pentominoes	4,250 set
17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	2,125 set
18	Probability Kit	2,276 set
19	Tangrams, set of 30	2,276 set

b. 2023

Lot No.	Item No.	Description	Total Quantity/ Unit of Issue	APPROVED BUDGET FOR THE CONTRACT (ABC) in Php
I. MASS PRODUCTION ITEMS				
6	BLR-DEVELOPED BASIC SCIKIT			284,509,879.30
	1	BLR-developed Basic Scikit: Ø 9.5mm x 250mm long Stand Rod	65,240 pc	
	2	BLR-developed Basic Scikit: Ø 9.5mm x 500mm long Stand Rod	130,480 pc	
	3	BLR-developed Basic Scikit: Ø 12.7mm x 1000mm long Stand Rod	23,795 pc	
	4	BLR-developed Basic Scikit: Rail	47,590 lh	
	5	BLR-developed Basic Scikit: Ring with stem	32,620 pc	
	6	BLR-developed Basic Scikit: Test Tube Rack	32,620 pc	

7	BLR-developed Basic Scikit: Wire Gauze	32,620	pc
8	BLR-developed SCIKIT BASIC 001: Stand Base	65,240	assy
9	BLR-developed SCIKIT BASIC 001: Stand Support	130,480	pcs
10	BLR-developed SCIKIT BASIC 001: SCIKIT BASIC Storage Case 001 (With Cover and Base Sheathing)	6,524	pc
11	BLR-developed SCIKIT BASIC 002: Multiclamp	163,100	assy
12	BLR-developed SCIKIT BASIC 002: Test Tube Holder	32,620	pc
13	BLR-developed SCIKIT BASIC 002: SCIKIT BASIC Storage Case 002 (With Cover and Base Sheathing)	6,524	pc
14	BLR-developed SCIKIT BASIC 003: Universal Clamp	78,288	assy
15	BLR-developed SCIKIT BASIC 003: Universal Bosshead	65,240	assy
16	BLR-developed SCIKIT BASIC 003: SCIKIT BASIC Storage Case 003 (With Cover and Base Sheathing)	6,524	pc
17	BLR-developed Free Fall Apparatus (Mechanics 001): Ball Case (with Cover and foam)	22,855	pc
18	BLR-developed Free Fall Apparatus (Mechanics 001): Digital Timer Assembly (Digital Stopwatch)	22,855	assy
19	BLR-developed Free Fall Apparatus (Mechanics 001): Metertape with hooks and plastic pointer	22,855	assy
20	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 12.7mm Steel Spherical Ball	45,710	pc
21	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Plastic Spherical Ball with metal screw	45,710	pc
22	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Steel Spherical Ball	45,710	pc
23	BLR-developed Free Fall Apparatus (Mechanics 001): Pad Switch Assembly	22,855	assy
24	BLR-developed Free Fall Apparatus (Mechanics 001): Solenoid Assembly	22,855	assy
25	BLR-developed Free Fall Apparatus (Mechanics 001): Synchro Box Assembly	22,855	assy

26	BLR-developed Free Fall Apparatus (Mechanics 001): SCIKIT MECHANICS Storage Case 001 (With Cover and Base Sheathing)	22,855	pc
27	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-spring loaded	23,795	unit
28	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-with counterweight	23,795	unit
29	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cylindrical Mass, 50-gram	118,975	pc
30	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Driving Mass, 3-gram	118,975	pc
31	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Leveling Pad Assembly	23,795	assy
32	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Plastic Hammer	23,795	pc
33	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Modelling Clay, 1 bar/set	23,795	bar
34	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Stopper-Fork Assembly	23,795	assy
35	BLR-developed Dynamics Carts-Rail System (Mechanics 002): String (thin), 1 ball/set	23,795	ball
36	BLR-developed Dynamics Carts-Rail System (Mechanics 002): SCIKIT MECHANICS Storage Case 002 (With Cover and Base Sheathing)	23,795	pc
37	BLR-developed SCIKIT MECHANICS 003: 10-Newton Spring Balance	31,680	assy
38	BLR-developed SCIKIT MECHANICS 003: 250-gram Hooked Mass	63,360	pc
39	BLR-developed SCIKIT MECHANICS 003: 500-gram Hooked Mass	31,680	pc
40	BLR-developed SCIKIT MECHANICS 003: Axle and Lever Beam	31,680	assy
41	BLR-developed SCIKIT MECHANICS 003: Double Pulley	63,360	assy

	42	BLR-developed SCIKIT MECHANICS 003: Dry Cell, AA 1.5V	45,710	pc	
	43	BLR-developed SCIKIT MECHANICS 003: Friction Block and Friction Board	8,935	set	
	44	BLR-developed SCIKIT MECHANICS 003: Leveling Hose	22,855	lh	
	45	BLR-developed SCIKIT MECHANICS 003: Motorized Cart	22,855	unit	
	46	BLR-developed SCIKIT MECHANICS 003: Single Pulley	63,360	assy	
	47	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Spur Gear B	45,710	pc	
	48	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Spur Gear C	22,855	pc	
	49	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Worm Gear A	45,710	pc	
	50	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Worm with Axle	22,855	assy	
	51	BLR-developed SCIKIT MECHANICS 003: String (thick), 1 ball/set	110	ball	
	52	BLR-developed SCIKIT MECHANICS 003: SCIKIT MECHANICS Storage Case 003 (With Cover and Base Sheathing)	31,680	pc	
	53	BLR-developed: User's Manual (SCIKIT BASIC)	6,524	pc	
	54	BLR-developed: User's Manual (SCIKIT MECHANICS)	6,524	pc	
	55	BLR-developed: Experiment Module (SCIKIT MECHANICS)	6,524	pc	
	BLR-developed SCIENCE AND MATHEMATICS EQUIPMENT (Elem, JHS, & SHS)				193,348,384.08
7	1	BLR-developed Blackboard Compass	8,038	pc	
	2	BLR-developed Blackboard Protractor	8,038	pc	
	3	BLR-developed Convection Tank (Thermocline Apparatus)	22,745	pc	
	4	BLR-developed Fresh Water Aquarium with Stand	1,765	pc	
	5	BLR-developed Heat Conductivity Apparatus	31,680	pc	
	6	BLR-developed Light Source (Single Slit)	23,795	pc	

	7	BLR-developed Set of Coils (Transformer)	22,855	set	
	8	BLR-developed Variable Power Supply with 5 pcs. Terminal Board	22,855	set	
	9	BLR-developed: Fraction Set	17,445	set	
	10	BLR-developed: Linear Pair/Angle Demonstrator	31,570	pc	
	11	BLR-developed: Manipulative Electricity Consumption Meter Model, blackboard	1,765	pc	
	12	BLR-developed: Manipulative Water Consumption Meter Model, blackboard	1,765	pc	
	13	BLR-developed: Models of 7-sided to 12-sided Regular Polygons	17,650	set	
	14	BLR-developed: Number Blocks	8,620	set	
	15	BLR-developed: Place Value Chart with decimal pockets	1,765	pc	
8	BLR-DEVELOPED STORAGE CABINETS				
	1	BLR-developed Storage Cabinet	12,819	pc	275,310,260.87
II. SCIENCE AND MATHEMATICS EQUIPMENT (MARKET ITEMS)					
9	CHEMICALS				
	1	Benedict's Solution, 100ml/bottle	4,759	bot	
	2	Boric Acid, 100 grams / bottle	4,759	bot	
	3	Bromothymol Blue	4,549	bottle	
	4	Calcium Chloride, 100 grams / bottle	4,759	bot	
	5	Chemicals Storage Box	4,759	pc	
	6	Copper Sulfate, CuSO ₄ , 100 grams / bottle	4,759	bot	
	7	Gentian Violet, 100 ml / bottle	4,549	botte	
	8	Iodine Solution, 100 ml / bottle	4,571	bottle	
	9	Magnesium Ribbon, 25 grams, 1 roll	4,759	roll	
	10	Manganese Dioxide, 50 grams / bottle	4,759	bottle	
	11	Microscope's Immersion Oil, 100mL/bot	4,549	bottle	
	12	Phenolphthalein, 100 grams/bottle	4,571	bottle	
				42,313,270.72	

	13	Potassium Chloride, 100 grams / bottle	4,759	bottle	
	14	Potassium Iodide, 100 grams / bottle	4,759	bottle	
	15	Sodium Hydroxide (Lye), 250 grams/bottle	4,759	bottle	
	16	Yeast, active dry, 100 grams / bottle	4,549	bottle	
	17	Zinc Chloride, 100 grams / bottle	4,759	bottle	
	18	Zinc metal, pellets/mossy, 100 grams / bottle	4,759	bottle	
	GLASSWARES AND LAB TOOLS				
	1	Beaker, borosilicate, 250 mL	41,240	pc	
	2	Beaker, borosilicate, 50 mL	23,795	pc	
	3	Burette, 10 mL capacity (acid)	110	pc	
	4	Burette, 10 mL capacity (base)	110	pc	
	5	Burner, Alcohol, glass, 150 ml. Capacity	41,240	pc	
	6	Burner, Bunsen	23,795	pc	
	7	Cork Stopper # 5 (for Ø 16mm test tube)	23,795	pc	
	8	Crucible with lid/cover	23,795	pc	
	9	Dish, Evaporating, 75 mL	41,240	pc	
10	10	Distillation set-up: Condenser, Liebig-type	44	pc	61,969,935.83
	11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	44	pc	
	12	Double burette clamp	110	pc	
	13	Electrolysis Apparatus, student-type (Brownlee)	23,795	pc	
	14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	82,480	pc	
	15	Funnel, borosilicate, fluted	41,240	pc	
	16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	47,590	pc	
	17	Manometer, Open U-tube	110	pc	
	18	Mortar and Pestle, porcelain, 150 mL.	32,620	pc	
	19	Osmosis Apparatus	110	pc	

	20	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,050	pc	
	21	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	23,795	pc	
	22	Rubber Stopper # 0 (for Ø 16mm test tube)	23,795	pc	
	23	Spoon-spatula, porcelain and glazed	41,240	pc	
	24	Stirring Rod, Ø 6 mm x 250 mm long	41,240	pc	
	25	Test tube brush	41,240	pc	
	26	Test Tube, borosilicate, Ø 16 mm x 150 mm long	412,400	pc	
	27	Tong, Crucible	23,795	pc	
	28	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	206,200	pc	
	29	Vial, screw-neck, 50 mL. (with screw-type plastic cap)	206,200	pc	
	30	Watch Glass, Ø 90 mm	41,240	pc	
	SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS - MATTER				
11	1	Balance, Toploading, Electronic	210	pc	91,304,938.89
	2	Balance, Triple Beam, with tare, 2610-gram	22,745	pc	
	3	Calorimeter	110	pc	
	4	Centrifuge	22	pc	
	5	Electrical Conductivity (Conductivity of Solutions) Apparatus	22,855	pc	
	6	Filter Paper, crepe, 580mm x 580 mm sheet, Grade 0905	65,240	sheet	
	7	Gloves, Hand, super nitrile	41,240	pair	
	8	Graduated Cylinder, borosilicate, 10 mL	32,620	pc	
	9	Graduated Cylinder, borosilicate, 100 mL	32,620	pc	
	10	Graduated pipette with rubber pipettor, borosilicate, 10 mL	110	pc	
	11	Hydrometer for heavy liquids	110	pc	
	12	Hydrometer for light liquids	110	pc	
	13	Laboratory Hot Plate with magnetic stirrer	4,571	pc	
	14	Safety Goggles, polycarbonate	41,240	pair	
	15	Thermometer, Laboratory type, Alcohol, -20°C to 110°C	41,240	pc	

SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS - EARTH & SPACE and LIVING THINGS			
1	Anemometer with Wind Vane, Cup type	6,978	unit
2	Anemometer, Simple	3,489	set
3	Aneroid Barometer Set (Demonstration Type)	40,190	unit
4	Aneroid Barometer, wall-mount	8,038	unit
5	Compass, Magnetic	31,570	pc
6	Dissecting Set with pan	110	set
7	First Aid Kit	1,765	kit
8	Gloves, Surgical	220	pairs
9	Hand Lens, 10x magnification	1,050	pc
10	Hand Lens, 5x magnification	17,555	pcs
11	Hexagonal Weigh Dishes Set, 50mL, 500 pcs/pack	3,489	packs
12	Lens Paper, 50's/pack	22,745	packs
13	Microscope, Compound with 4 Objectives	90,980	units
14	Microscope, Digital	210	unit
15	Pipette, Beral, 1 mL	326,200	pcs
16	Prepared Slide Set, Microscope, 25 pieces	4,759	set
17	Prepared Slide Set, Mitosis and Meiosis	4,549	set
18	Reaction Plates with 6 Wells	23,795	pc
19	Sedimentator Tube	1,050	pc
20	Sling Psychrometer	8,825	unit
21	Soil pH, Moisture, Sunlight Meter	1,050	unit
22	Soil/Test Sieve*	1,765	set
23	Thermometer, Classroom, wall-mount	1,765	pc
24	Tong, Beaker	1,050	pcs
25	Wash Bottle, plastic, 250 mL	41,240	pcs
MATHEMATICAL MANIPULATIVES			
1	Algebra Tile Set, plastic	4,549	set

12

315,088,579.57**13****155,240,109.04**

2	Base Ten Blocks	17,445	set
3	Beads	1,724	set
4	Circle Area Demonstrator	3,489	pcs
5	Compass, Drawing, student type	321,520	pcs
6	Cuisenaire Rods, set of 5	3,489	set
7	Elapsed Time (Clock) Set	1,724	pcs
8	Geoboard, 11 x 11	80,380	pcs
9	Geoboard, 5 x 5	34,890	pcs
10	Geostrips	40,190	set
11	Ghost Grid Whiteboard, Mobile Magnetic	26,096	pcs
12	Linking Cubes	17,445	set
13	Model, Basic 3D Geometrical Collapsible	8,825	set
14	Model, Basic 3D Geometrical Solids	3,489	set
15	Pattern Blocks, 250 pcs/set	6,978	set
16	Pentominoes	17,445	set
17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	8,620	set
18	Probability Kit	8,038	set
19	Tangrams, set of 30	8,038	set

MATHEMATICAL TOOLS & INSTRUMENT			
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14	1	Balance, Double-pan	17,445	pcs
	2	Blackboard Triangle, 30° x 60° and 45° x 45°	6,314	set
	3	Calculator, Graphing, non-projectable	23,795	pcs
	4	Calculator, Scientific	260,960	pcs
	5	Digital Clock, tabletop	1,724	pcs
	6	Measuring Kit (Volume)	1,724	set
	7	Meterstick, plastic	160,760	pcs
	8	Protractor, student-type	321,520	pcs
	9	Ruler, Plastic, 12 inches/30 cm	322,400	pcs
	10	Scale, Spring, Hanging type	1,724	pcs
	11	Scale, Weighing, analog, 10 kg. capacity	1,724	pcs

177,776,266.83

	12	Scale, Weighing, bathroom-type	1,724	pcs	
	13	Stopwatch, digital	41,240	pcs	
	14	Tape Measure, 1.5 meters	160,760	pcs	
	15	Template, shapes	17,445	pcs	
	16	Thermometer, Clinical, digital	8,825	pc	
15	MODELS: EARTH AND OTHER HEAVENLY BODIES				160,228,602.33
	1	Globe, Celestial	32,620	unit	
	2	Globe, Terrestrial	31,570	unit	
	3	Landform Demonstration Kit	23,795	kit	
	4	Model, Earth Internal Structure, 1/4 part detachable	4,759	unit	
	5	Model, Seismograph	22,745	unit	
	6	Model, Solar System	210	unit	
	7	Model, Sun Internal Structure, 1/4 part detachable	4,759	unit	
	8	Model, Sun-Earth-Moon	32,620	unit	
	9	Model, Tectonics Demonstrator	4,759	kit	
	10	Model, Volcano, cross section	23,795	unit	
	11	Rock Samples, 24 pcs/set, (minerals of 3 rock types)	420	set	
	12	Telescope, Astronomical (Reflecting)	210	unit	
16	MODELS: THE HUMAN ANATOMY				90,711,056.44
	1	Model, Human Brain	1,765	unit	
	2	Model, Human Circulatory System	6,314	unit	
	3	Model, Human Ear	1,724	unit	
	4	Model, Human Endocrine System	4,549	unit	
	5	Model, Human Eye, 6 parts	1,724	unit	
	6	Model, Human Nervous System	6,314	unit	
	7	Model, Human Nose (Nasal-Throat Anatomy)	1,724	unit	
	8	Model, Human Skeleton	1,765	unit	
	9	Model, Human Torso	6,524	unit	
	10	Model, Lung Demonstration	1,765	unit	
	11	Model, Pumping Heart	1,765	unit	

	12	Model, Reproductive System, Female (Pelvic Anatomy)	6,314	unit	
	13	Model, Reproductive System, Male	6,314	unit	
	14	Model, Skin Block	3,489	unit	
17	MODELS: OTHER BIOLOGICAL STRUCTURES AND SPECIES				64,863,982.79
	1	Model, Animal Cell	4,571	pc	
	2	Model, Animal Meiosis	4,571	set	
	3	Model, Animal Mitosis	4,571	set	
	4	Model, Chloroplast	4,571	unit	
	5	Model, DNA	4,549	unit	
	6	Model, Invertebrates	1,765	set	
	7	Model, Mitochondrion	4,571	unit	
	8	Model, Plant Cell	4,571	unit	
	9	Model, Vertebrates	3,489	set	
	10	Protein Synthesis Demonstration Set	4,549	set	
18	MODELS: MOLECULAR GEOMETRY				51,006,144.41
	1	Model, Atomic Orbital Kit	110	set	
	2	Model, Biochemistry Molecular, (262 atom parts)	9,518	set	
	3	Model, Crystal Structures Set (Graphite, diamond, sodium chloride, carbon dioxide)	9,518	set	
	4	Model, Molecular, Inorganic/Organic (307-pc)	9,518	pcs	
	5	Model, Sublevel Orbitals of the Atom (Quantum)	23,795	pcs	
	6	Model, VSEPR, 14 shapes (50-pc)	23,795	pcs	
19	FORCE, MOTION, AND ENERGY KITS				161,933,943.69
	1	Advanced Electromagnetism Kit	110	kit	
	2	Air Blower	22	pc	
	3	Archimedes Principle Set	110	set	
	4	Basic Electronics Kit	110	kit	
	5	Basic Lens Set, acrylic	22,855	pc	
	6	Coefficient of Linear Expansion	110	pc	
	7	Connector, Black (# 18 copper, AWG stranded) with alligator clip	120,900	pc	

	on one end and banana plug on the other end		
8	Connector, Red (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end	120,900	pc
9	Connector, Yellow (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end	91,420	pc
10	DC Ammeter	22,855	unit
11	DC String Vibrator, string included	1,050	pc
12	DC Voltmeter	22,855	unit
13	Diffraction slits & Diffraction grating Set	22,745	set
14	Digital Geiger-Muller Counter with radioisotopes samples	20	pc
15	Dry Cell Holder (size D)	161,200	pc
16	Dry Cell, 1.5 volts, size D	161,200	pc
17	Engine Model (Internal Combustion)	110	pc
18	Flask, Florence, glass, 500 mL	110	pc
19	Force Table	110	pc
20	Fuse Holder w/ Fuse	22,855	pc
21	Galvanometer	22,855	unit
22	Helical Spring	22,855	pc
23	Iron Core Rod, non-corrugated	8,825	pc
24	Laser Light	23,795	pc
25	Long Nose Pliers, 6-inch, 1 pair/set	1,765	pc
26	Magnet Wire	6,314	spool
27	Manometer, Open U-tube with Nakamura-type Water Pressure Apparatus	110	pc
28	Miniature Light Bulb	120,900	pc
29	Miniature Light Bulb Holder	120,900	assy
30	Mirror Set, acrylic	22,855	set
31	Motor-Generator Model Experiment Set	22,855	set
32	Multimeter, digital	220	pc

33	Optical Bench Set	22,855	set
34	Pair of Bar Magnets	16,076	pair
35	Prism Set	23,795	set
36	Resistance Board	110	pc
37	Ring and Ball Apparatus	110	unit
38	Ripple Tank Set	110	set
39	Slinky Coil, metal	22,855	unit
40	Sound Resonance Set: Loud Speaker	110	pc
41	Sound Resonance Set: Resonance Tube, close-ended	110	pc
42	Sound Resonance Set: Tone Generator	110	pc
43	Strobe Light	1,050	pc
44	Switch, Knife type, Single Pole Single Throw	40,300	pc
45	Ticker Timer Set	22,745	set
46	Toy Car, non-friction, non-battery	8,620	pc
47	Tuning Fork Set	110	pc
48	Vacuum Tube and Manual Vacuum Pump	1,050	set

TOTAL AMOUNT

PhP2,674,368,291.92