



Republic of the Philippines
Department of Education
 REGION VIII - EASTERN VISAYAS

December 4, 2020

REGIONAL MEMORANDUM

No. **621**, s. 2020

**ONLINE VALIDATION OF DEPED PROCURED AND DELIVERED TEXT-BASED AND
 NON-TEXT-BASED LEARNING RESOURCES CUM ENHANCEMENT WORKSHOP
 OF THE LEARNING RESOURCES PROCESSES RESOURCE PACKAGE**

To: Schools Division Superintendents
 All Others Concerned

1. This Office, through the Curriculum and Learning Management Division (CLMD) and Learning Resource Management Section (LRMS), shall conduct an Online Validation of the DepEd Procured and Delivered Text-Based and Non-Text-Based Learning Resources cum Enhancement Workshop of the Learning Resources Processes Resource Package on December 21, 2020 at 9:00 a.m. – 4:00 p.m. via Zoom.
2. The Schools Division Offices are required to accomplish the attached monitoring tools before the scheduled validation.
3. The participants to this activity are Learning Resource Supervisor, Project Development Officer, and Librarian of the Thirteen (13) Schools Division Offices (SDOs).
4. Compliance with this Memorandum is desired.

RAMIR B. UYTICO EdD, CESO IV

Director IV

Enclosures: As stated

References: D.O. No. 051, s. 2018

To be indicated in the Perpetual Index under the following subjects:

ENHANCEMENT LEARNING RESOURCES
 RESOURCE PACKAGE VALIDATION

DEPARTMENT OF EDUCATION
 REGION VIII, EASTERN VISAYAS
 PROCUREMENT

RELEASED

12-4-2020

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DepEd RO8 ATA-F22 (CY2018-V08-r00) Page 1 of 1

Signature



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 ISO 9001:2015 Certified

BUREAU OF LEARNING RESOURCES
PROJECT: MASS PRODUCTION AND SUPPLY AND DELIVERY SCIENCE AND MATHEMATICS

Region VIII

NUMBER OF RECIPIENT PUBLIC JUNIOR HIGH SCHOOLS and NUMBER OF PACKAGES PER SCHOOL

Item No.	Region	Division	school_id	school_name	Municipality/City	Name of Principal	Contact Number (or Cell Phone Number)	No. of Sets (or No. of Packages) of SME
1	Region VIII	Baybay City	303348	Baybay National High School	Baybay City	Dr. Maximina E. Doron	09361681013	4
2	Region VIII	Biliran	303328	Manlabang National High School	Calbiran	Bianito D. Agang	9988522920	4
3	Region VIII	Borongan City	303500	E. Samar NCHS	Borongan City	Alfredo O. Basada	9279312729	4
4	Region VIII	Calbayog City	313801	Calbayog City National High School	Calbayog	Calick Arieta	9177929412	4
5	Region VIII	Catbalogan City	303620	Samar National School	Catbalogan	Ruth D. Cabanganan	09173088728	4
6	Region VIII	Eastern Samar	303499	Dolores National High School	Dolores	Elisa P. Campomanes	9267110470	4
7	Region VIII	Leyte	303374	Hilongos National Vocational School	Hilongos	Daria D. Malanguis	9193580596	4
8	Region VIII	Leyte	303369	Dulag National High School	Dulag	Lourdita A. Riños	9282106449	4
9	Region VIII	Leyte	303383	Kananga National High School - Main	Kananga	Dalisay E. Pellerio	9231483915	4
10	Region VIII	Leyte	303371	Granja-Kalinawan National High School	Jaro	Nicerato P. Gonzaga J	9206398900	4
11	Region VIII	Leyte	303336	Alangalang National High School	Alangalang	Benito P. Avorque	9128900780	4
12	Region VIII	Leyte	303415	Palo National High School	Palo	Estrellita A. Morano	9183656907	4
13	Region VIII	Northern Samar	303584	SUMOROY AGRO-INDUSTRIAL SCHOOL	Palapag	Roberto T. Galono	0939 346 2063	5
14	Region VIII	Northern Samar	303531	Allen National High School	Allen	David A. Bido	0917 503 9269/0947 631 2441	5
15	Region VIII	Northern Samar	303541	Catarman National High School	Catarman	Mia. Helena V. Alumbre	055 500 9210/ 0905 386 5518	5
16	Region VIII	Ormoc City	303655	Ipil National High School	Ormoc City	Annabelle A. Palacio	9064114891	5
17	Region VIII	Ormoc City	303658	New Ormoc City National High School	Ormoc City	Anacorita Briliata	9164117255	5
18	Region VIII	Samar (Western Samar)	303597	CALBIGA NHS	Calbiga	Antonio F. Caveiro	9208794746	5
19	Region VIII	Samar (Western Samar)	303618	Ramon T. Diaz NHS	Gandara II	Alvin A. Aguirre	9156505659	5
20	Region VIII	Samar (Western Samar)	303592	BASEY NHS	Basey I	Josephine E. Bacsal	9778064247	6
21	Region VIII	Southern Leyte	303487	Sogod National High School	Sogod	Indalecia A. Sumulat	9756601019	6
22	Region VIII	Tacloban City	303666	Sagkahan National High School	Tacloban City	Imelda Majadillas	09273740417 / 09206275649	6
23	Region VIII	Tacloban City	303663	Leyte National High School	Tacloban City	Basilisa Negru	09166225203	6
				Total				107

Name of School: _____

Division: _____

Property Custodian/Supply Officer: _____

Name of School Head: _____

LIST OF G7-G10 SCIENCE AND MATHEMATICS EQUIPMENT

Particulars / Items	Qty per Set or Qty per Package	Unit of Issue	Number of Items Received	Inventory	
				Functional	Non- Functional
MASS PRODUCTION:					
A) BASIC AND MECHANICS SCIENCE EQUIPMENT:					
a) Basic Science Equipment:					
1 Stand Base Assembly	10	assy			
2 Stand Support	20	pc			
3 Ring with stem	5	pc			
4 Ø9.5mm x 250mm long Stand Rod	10	pc			
5 Ø9.5mm x 500mm long Stand Rod	20	pc			
6 Ø12.7mm x 1000mm long Stand Rod	5	pc			
7 Multiclamp Assembly	25	assy			
8 Universal Bosshead Assembly	10	assy			
9 Universal Clamp Assembly	12	assy			
10 Test Tube Holder	5	pc			
11 Test Tube Rack	6	pc			
12 Case 001 (with Cover and Base Sheathing)(BASIC)	1	pc			
13 Case 002 (with Cover and Base Sheathing)(BASIC)	1	pc			
14 Case 003 (with Cover and Base Sheathing)(BASIC)	1	pc			
15 User's Manual (BASIC)	1	pc			
b) Mechanics Science Equipment:					
16 Cart-Rail System Set:					
16.1) Rail	10	lh			
16.2) Leveling Pad Assembly	5	assy			
16.3) Cart-spring loaded	5	unit			
16.4) Cart-with counterweight	5	unit			
16.5) Stopper-Fork Assembly	5	assy			
16.6) Driving Mass, 3-gram	25	pc			
16.7) Cylindrical Mass, 50-gram	25	pc			
16.8) Plastic Hammer	5	pc			
16.9) Motorized Cart	5	unit			
16.10) Hose Level, 3-meter	5	lh			
17 Free-Fall Apparatus Set:					
17.1) Solenoid Assembly	5	assy			
17.2) Pad Switch Assembly	5	assy			
17.3) Synchro Box Assembly	5	assy			
17.4) Digital Timer Assembly (Digital Stopwatch)	5	assy			
17.5) Ø 25mm Plastic Spherical Ball with metal screw	10	pc			
17.6) Ø 25mm Steel Spherical Ball	10	pc			
17.7) Ø 12.7mm Steel Spherical Ball	10	pc			
17.8) Ball Case (with Cover and foam)	5	pc			
17.9) Metertape with hooks Assy (w/ plastic pointer)	5	assy			
18 Hooke's Law Apparatus (1 set is composed of 1 helical spring and 1 disc pointer)	5	set			
19 Friction Apparatus (1 set is composed of 1 friction block and 1 friction board)	5	set			
20 Lever Assembly (1 assy is composed of 1 lever beam and 1 axle)	5	assy			
21 Pulley Set:					

LIST OF G7-G10 SCIENCE AND MATHEMATICS EQUIPMENT

Particulars / Items	Qty per Set or Qty per Package	Unit of Issue	Number of Items Received	Inventory	
				Functional	Non- Functional
21.1) Double Pulley Assembly	10	assy			
21.2) Single Pulley Assembly	10	assy			
22 Spring Balances:					
22.1) 10-Newton Spring Balance Assembly	5	assy			
22.2) 5-Newton Spring Balance Assembly	5	assy			
22.3) 2-Newton Spring Balance Assembly	5	assy			
23 C-Clamp with hook	10	pc			
24 Hooked Masses:					
24.1) 500-gram Hooked Mass	5	pc			
24.2) 250-gram Hooked Mass	10	pc			
24.3) 20-gram Hooked Mass	25	pc			
25 Case 001 (with Cover and Base	5	pc			
26 Case 002 (with Cover and Base	5	pc			
27 Case 003 (with Cover and Base	5	pc			
28 Spare Parts:					
28.1) Worm with Axle Assembly	5	assy			
28.2) Worm Gear A	10	pc			
28.3) Spur Gear B	10	pc			
28.4) Spur Gear C	5	pc			
29 User's Manual (MECHANICS)	1	pc			
30 Experiment Module (MECHANICS)	1	pc			
31 Dry Cell, 1.5 V, size AA	5	pc			
32 Modelling Clay	5	bar			
33 String (thick)	5	ball			
34 String (thin)	5	ball			
	0				
B) SCIENCE AND MATHEMATICS EQUIPMENT:	0				
1 NSTIC-developed Convection Tank (Thermocline	5	pc			
2 NSTIC-developed Heat Conductivity Apparatus	5	pc			
NSTIC-developed Variable Power Supply with 5 pcs.					
3 Terminal Board	3	set			
4 NSTIC-developed Set of Coils (Transformer)	5	set			
5 NSTIC-developed Light Source	5	pc			
6 NSTIC-developed Tripod	5	pc			
7 NSTIC-developed Wire Gauze	5	pc			
8 NSTIC-developed Blackboard Protractor	4	pc			
9 NSTIC-developed Blackboard Compass	4	pc			
C) STORAGE CABINETS:					
1 Earth & Space Science Storage Cabinet, for non-corrosive materials	2	pc			
2 Physics Storage Cabinet, for non-corrosive materials	2	pc			
3 Biology Storage Cabinet, for non-corrosive materials	2	pc			
4 Chemistry Storage Cabinet, for non-corrosive materials	1	pc			
5 Chemistry Storage Cabinet, stainless steel, for corrosive materials	1	unit			
6 Mathematics Storage Cabinet, for non-corrosive	1	pc			
MARKET ITEMS:					
D) SCIENCE EQUIPMENT, SUPPLIES, AND CONSUMABLES:					
1 Hand Lens, 10x magnification (Loupe 10x magnifier)	5	pc			
2 Hand Lens, at least 5x magnification (Minimum Lens Diameter: 50 mm)	5	pc			
3 Stopwatch, digital	14	pc			
4 Pair of Bar Magnets	2	pair			

LIST OF G7-G10 SCIENCE AND MATHEMATICS EQUIPMENT

Particulars / Items	Qty per Set or Qty per Package	Unit of Issue	Number of Items Received	Inventory	
				Functional	Non- Functional
5 Hand Gloves, acid/solvent-resistant, super nitrile	26	pair			
6 Surgical Gloves	1	box			
7 Safety Goggles, polycarbonate	20	pair			
8 Slinky Coil, metal	10	unit			
9 Helical Spring	10	pc			
10 Miniature Light Bulb	15	pc			
11 Miniature Light Bulb Holder Assembly	15	assy			
12 Dry Cell Holder, for single size D dry cell	20	pc			
13 Set of Connectors (# 18 copper, AWG stranded):					
13.1) Black, 350mm long with alligator clip on one end and banana plug on the other end	15	pc			
13.2) Red, 350mm long with alligator clip on one end and banana plug on the other end	15	pc			
13.3) White, 350mm long with alligator clip on one end and banana plug on the other end	10	pc			
13.4) Blue, 350mm long with alligator clip on one end and banana plug on the other end.	10	pc			
14 Resistance Board	5	unit			
15 Switch, knife-type	5	unit			
16 DC Ammeter	5	unit			
17 DC Voltmeter	5	unit			
18 Galvanometer	5	unit			
19 Set of Tools:	1	set			
19.1) Screwdriver, flat, 6", 1 pc/set					
19.2) Screwdriver, phillips, 6", 1 pc/set					
19.3) Long Nose Pliers, 6", 1 pair/set					
19.4) Mechanical Wire Cutter and Pliers, 6.5", 1 pair/set					
19.5) Soldering Iron, 60 watts, 1 pc/set					
19.6) Ball Peen Hammer, handle length is 11", 350g approx. weight, 1 pc/set					
19.7) Precision Screwdrivers Set, 6 pcs/set, with plastic casing, 1 set/set					
19.8) Tweezers, stainless steel, with curved tips, 6.5" long, 1 pair/set					
19.9) Consumables:					
19.9.1) Soldering Lead, Ø1mm, Grade 60/40, Wt.: 1 lb/spool, 1 spool/set					
19.9.2) Soldering Paste, 50 grams/can, 1 can/set					
20 Basic Lens Set, acrylic	5	set			
21 Mirror Set, acrylic	5	set			
22 Prism	5	pc			
23 Optical Bench Set	5	set			
24 Desk Lamp, Heavy Base	5	unit			
25 Ring and Ball Apparatus	5	unit			
26 Ticker Timer Set	5	set			
27 Dry Cell. 1.5 V, size D	20	pc			
28 Dry Cell, 9 V	5	pc			
29 Laser Light, line laser type	5	pc			
30 Laser Pointer, dual-function	5	pc			
31 Magnet Wire # 20, 250 grams/spool	1	spool			
32 Nichrome Wire	0.1	kg			
33 Triangular File, fine, 6" long, with plastic handle	1	pc			
34 Aneroid Barometer Set (Demonstration Type)	1	unit			
35 Aneroid Barometer Set (Wall Type)	1	unit			
36 Rock Samples, 24 pcs/set, (minerals of 3 rock types)	1	set			

LIST OF G7-G10 SCIENCE AND MATHEMATICS EQUIPMENT

	Particulars / Items	Qty per Set or Qty per Package	Unit of Issue	Number of Items Received	Inventory	
					Functional	Non- Functional
37	Telescope, Astronomical (Reflecting)	1	unit			
38	Tectonics Demonstrator Model (Demonstration Kit)	1	kit			
39	Sedimentator Tube	10	pc			
40	Reaction Plates with 6 Wells	5	pc			
41	Landform Demonstration Kit	5	kit			
42	Tomado Vortex Bottle Connector	20	pc			
43	Sling Psychrometer	5	unit			
44	Electronic Pocket Scale, 120g capacity	5	unit			
45	Hexagonal Weigh Dishes Set, 50mL, 500 pcs/pack	1	pack			
46	Soil pH, Moisture, Sunlight Meter	5	unit			
47	Soil Sieve	1	set			
48	Rain Gauge	5	unit			
49	Cup Anemometer with Wind Vane, handheld, digital direct reading	2	unit			
50	Magnetic Compass	5	pc			
51	Microscope, Compound, 4 Objectives	20	unit			
52	Microscope's Immersion Oil, 100mL/bot	1	bottle			
53	Microscope Prepared Slide Set, 25's	1	set			
54	Dissecting Set with pan	5	set			
55	Cork Borers	2	set			
56	pH Meter, range 0 to 14 pH	1	unit			
57	Bunsen Burner, gas-type	1	unit			
58	LPG tank with Gas, 11 kg. capacity, with accessories	1	unit			
59	Laboratory Hot Plate	1	unit			
60	Toploading Electronic Balance	1	unit			
61	Electrical Conductivity Apparatus	1	unit			
62	Beaker Tong	5	pc			
63	Test Tube Brush	15	pc			
64	Rubber Stopper # 6 with 1 hole	16	pc			
65	Rubber Stopper # 6 with 2 holes	26	pc			
66	Rubber Stopper # 0 (for Ø 16mm test tube)	34	pc			
67	Cork Stopper # 16 with 1 hole	16	pc			
68	Cork Stopper # 16 with 2 holes	16	pc			
69	Cork Stopper # 5 (for Ø 16mm test tube)	34	pc			
70	Filter Paper, ordinary, 600mm x 600mm sheet	90	sheet			
71	Universal pH Paper, pH 0-14, 100 strips/pack	5	pack			
72	Litmus Paper Strips, blue, 100's/vial	1	vial			
73	Litmus Paper Strips, red, 100's/vial	1	vial			
74	Lens Paper, 50's/pack	10	pack			
75	Balance, triple-beam	11	unit			
E) MATHEMATICS EQUIPMENT:						
1	Tape Measure, 1.5 meters	5	pc			
2	Beam Balance, double platform, 2000-gram capacity	1	unit			
3	Weighing Scale	1	unit			
4	Utility Kitchen/Spring Scale	1	unit			
5	Sundial, plastic	1	unit			
6	60-minute Wood Hourglass Timer	2	pc			
7	Protractor, (for Student)	20	pc			
8	Scientific Calculator	10	unit			
9	Graphing Calculator, non-projectable	1	unit			
10	Thermometer, Clinical, digital	4	pc			
11	Compass (for Student)	20	pc			
12	Probability Kit	1	kit			
13	Graphing board, 1.2m x 1m, green, movable	1	unit			

LIST OF G7-G10 SCIENCE AND MATHEMATICS EQUIPMENT

	Particulars / Items	Qty per Set or Qty per Package	Unit of Issue	Number of Items Received	Inventory	
					Functional	Non- Functional
14	Geoboard, 11 x 11	5	pc			
F) 3D MODELS AND GLOBES:						
1	Model, Human Torso	1	unit			
2	Model, Human Skeleton	1	unit			
3	Model, Animal Mitosis	1	unit			
4	Model, Animal Meiosis	1	unit			
5	DNA Model	1	unit			
6	Plant Cell Model	1	unit			
7	Animal Cell Model	1	unit			
8	Student Organic Chemistry Molecular Model Set	1	set			
9	Sublevel Orbitals of the Atom Models (Quantum	1	set			
10	Earth Globe, ordinary	1	unit			
11	Relief Globe	1	pc			
12	Celestial Globe	1	unit			
13	Sun-Earth-Moon Model	1	unit			
14	Solar System Model	1	unit			
15	Seismograph Model	1	unit			
16	Cross section Volcano Model	1	unit			
17	Sun Internal Structure Model, 1/4 part detachable, 32cm diameter	1	unit			
18	Model of Earth Internal Structure, 1/4 part detachable, Ø12" minimum	1	unit			
19	Motor-Generator Model Experiment Set	5	set			
20	Geometrical model set, 3 types of prisms	1	set			
21	Geometrical model set, 3 types of pyramids	1	set			
22	Geometrical model set, 2 types of cones	1	set			
23	Geometrical model set, 2 types of cylinders	1	set			
24	Geometrical model set, Spheres	1	set			
25	Model of Pyramid in a Prism	1	set			
26	Model of Cone in a Cylinder	1	set			
27	Model of Sphere in a Cylinder	1	set			
G) GLASS WARES, PLASTIC WARES, AND PORCELAIN WARES:						
1	Graduated Cup, 250 ml. capacity, plastic, transparent	5	pc			
2	Meterstick, plastic	10	pc			
3	Beaker, 1000 ml., borosilicate	5	pc			
4	Beaker, 500 ml, borosilicate	10	pc			
5	Beaker, 250 ml., borosilicate	35	pc			
6	Beaker, 100 ml, borosilicate	20	pc			
7	Beaker, 50 ml, borosilicate	10	pc			
8	Erlenmeyer Flask, 250 ml., borosilicate	25	pc			
9	Stirring Rod, Ø 6mm x 250mm long	20	pc			
10	Test Tube, Ø 16mm x 150mm long	90	pc			
11	Graduated Cylinder, 100 ml. capacity	25	pc			
12	Graduated Cylinder, 10 ml. capacity	25	pc			
13	Glass Funnel	15	pc			
14	Petri Dish	15	pc			
15	Watch Glass	20	pc			
16	Alcohol Thermometer, -20°C to 110°C	20	pc			
17	Wash Bottle, plastic, 250 ml.	20	pc			
18	Evaporating Dish, 75 ml. capacity	25	pc			
19	Mortar and Pestle, porcelain	15	set			
20	Beral Pipette Dropper, 1 ml. capacity	35	pc			
21	Alcohol Burner, glass, 150 ml. Capacity	15	pc			

LIST OF G7-G10 SCIENCE AND MATHEMATICS EQUIPMENT

Particulars / Items	Qty per Set or Qty per Package	Unit of Issue	Number of Items Received	Inventory	
				Functional	Non-Functional
22 Vial, screw-neck, 50 ml. (with screw-type plastic cap)	40	pc			
23 Vial, screw-neck, 25 ml. (with screw-type plastic cap)	20	pc			
24 Plastic Round Canister, 500 ml.	5	pc			
25 Glass Slides, 72's/box	5	box			
26 Glass Cover Slips, 100's/box	5	box			
27 Electrolysis Apparatus, student-type	5	pc			
28 Volumetric Flask, 250 mL	5	pc			
29 Reagent Bottle, narrow-mouth, amber glass (250 ml, capacity)	5	pc			
30 Reagent Bottle, wide-mouth, transparent glass (250 ml, capacity)	5	pc			
31 Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long	5	lh			
32 Graduated Pipette, 10 ml., with rubber pipettor	5	set			
33 Spatula, porcelain and glazed	5	pc			
34 Ruler, Student-type	20	pc			
H) CHEMICALS:					
1 Baking Soda (NaHCO ₃), 200 grams / bottle	2	bottle			
2 Gentian Violet, 100 ml / bottle	1	bottle			
3 Iodine Solution, 100 ml / bottle	1	bottle			
4 Bromthymol blue, 100 ml / bottle	1	bottle			
5 Boric Acid, 100 grams / bottle	2	bottle			
6 Calcium Chloride, 100 grams / bottle	2	bottle			
7 Copper Sulfate, CuSO ₄ , 100 grams / bottle	2	bottle			
8 Sodium Hydroxide (Lye), 250 grams / bottle	2	bottle			
9 Magnesium Ribbon, 25 grams/roll (60 to 75 feet long)	2	roll			
10 Potassium Iodide, 100 grams / bottle	2	bottle			
11 Zinc Chloride, 100 grams / bottle	2	bottle			
12 Zinc metal, pellets/mossy, 100 grams / bottle	2	bottle			
13 Manganese Dioxide, 50 grams / bottle	2	bottle			
14 Phenolphthalein Indicator, 100 grams / bottle	2	bottle			
15 Yeast, granules, active dry, 100 grams / bottle	1	bottle			
16 Hydrochloric Acid, HCl, laboratory grade, 500ml / bottle	3	bottle			
17 Hydrochloric Acid, HCl, technical grade, 500 ml / bottle	2	bottle			
18 Sulfur Powder, 100 grams / bottle	2	bottle			
19 Sulfuric Acid, technical grade, 500 ml / bottle	2	bottle			
20 Potassium Chloride, 100 grams / bottle	2	bottle			

Prepared by:

Noted by:

Custodian / Supply Officer

School Head

Name of School: _____

Division: _____

Property Custodian/Supply Officer: _____

Name of School Head: _____

LIST OF GRADES 11 & 12 SCIENCE AND MATHEMATICS EQUIPMENT (CORE):

Item No.	EQUIPMENT / INSTRUCTIONAL MATERIALS	Qty per Set (or Qty per Package)	Unit of Issue	Actual Number of Items Received	Inventory	
					Functional	Non-Functional
MASS PRODUCTION:						
A)	SCIENCE EQUIPMENT:					
1	Storage Cabinets (for non-corrosive materials)(for Science)	3	unit			
2	NSTIC-developed Cart-Rail System					
	2.1) Rail	16	lh			
	2.2) Leveling Pad Assembly	8	assy			
	2.3) Cart-spring loaded	8	unit			
	2.4) Cart-with counterweight	8	unit			
	2.5) Stopper-Fork Assembly	8	assy			
	2.6) Driving Mass, 3-gram	40	pc			
	2.7) Cylindrical Mass, 50-gram	40	pc			
	2.8) Plastic Hammer	8	pc			
	2.9) NSTIC Storage Case 002	8	pc			
3	NSTIC-developed Stand Setup					
	3.1) Stand Base	24	pc			
	3.2) Stand Support	32	pc			
	3.3) Ø 9.5mm x 250mm long Stand Rod	16	lh			
	3.4) Ø 9.5mm x 500mm long Stand Rod	8	lh			
	3.5) Multiclamp Assembly	8	assy			
	3.6) Universal Bosshead Assembly	16	assy			
	3.7) Universal Clamp Assembly	16	assy			
	3.8) Ring with stem	8	pc			
	3.9) Wire Gauze	8	pc			
	3.10) Motorized Cart	8	unit			
	3.11) Dry Cell, 1.5 V, size AA	8	pc			
	3.12) Modelling Clay	8	bar			
	3.13) String (thick)	8	ball			
	3.14) String (thin)	8	ball			
	3.15) Hose Level, 3-meter	8	lh			
	3.16) Plastic Storage Box	1	pc			
4	NSTIC-developed Tripod	8	pc			
5	NSTIC-developed Set of Coils (Transformer)	8	set			
6	NSTIC-developed Variable Power Supply with 5	3	set			
MARKET ITEMS:						
B) SCIENCE EQUIPMENT:						

1	Hand Lens, 10x magnification (Loupe 10x Magnifier)	8	pc			
2	Rock Samples, 24 pcs/set. (minerals of 3 rock)	2	set			
3	Microscope, Compound, 4 Objectives	16	unit			
4	Dissecting Set with pan	8	set			
5	Hand Lens, at least 5x magnification (Minimum)	16	pc			
6	Balance, triple-beam	9	unit			
7	Cork Stopper # 5	40	pc			
8	Rubber Stopper # 0	40	pc			
9	Rubber Stopper # 6 with 2 holes	16	pc			
10	Filter Paper, ordinary, 600mm x 600mm sheet	25	sheet			
11	Litmus Paper Strips, blue, 100's/vial	2	vial			
12	Litmus Paper Strips, red, 100's/vial	2	vial			
13	Hand Gloves, acid/solvent-resistant, super nitrile	16	pair			
14	Safety Goggles, polycarbonate	16	pair			
15	Vacuum Tube and Manual Vacuum Pump	8	set			
16	Strobe Light	1	unit			
17	Diffraction slits & Diffraction grating Set	8	set			
18	Ripple Tank Set	4	set			
19	Halogen Tube	8	pc			
20	Laser Light, line laser type	8	unit			
21	Astronomy Multimedia Package	1	package			
22	Soil pH, Moisture, Sunlight Meter	8	pcs			
23	Reaction Plates with 6 Wells	8	pcs			
24	Electronic Pocket Scale, 120g capacity	8	unit			
25	Hexagonal Weigh Dishes Set, 50mL, 500	8	pack			
26	Desk Lamp, Heavy Base	8	unit			
27	Landform Demonstration Kit	5	kit			
28	Soil Sieve	1	set			
29	Telescope, astronomical	1	unit			
30	Tectonics Demonstrator Model (Demonstration)	1	kit			
31	Streak Plate Set, Black 10pieces/ set	2	set			
32	Streak Plate Set, White 10pieces/ set	2	set			
33	Streak Plate Set, Glass 10pieces/ set	2	set			
34	Sedimentator Tube	20	pcs			
C) MATHEMATICS EQUIPMENT:						
1	Scientific Calculator	8	unit			
2	Graphing Calculator, non-projectable	8	unit			
D) 3D MODELS AND GLOBES:						
1	Model, Human Torso	1	unit			
2	Earth Globe, ordinary	1	pc			
3	Sun-Earth-Moon Model	1	unit			
4	Solar System Model	1	unit			
5	Celestial Globe	1	unit			
6	Cross section Volcano Model,	1	unit			
7	Relief Globe	1	unit			
8	Fossil History 3D Model, with plastic fossil	1	unit			
9	Model of Earth Internal Structure, 1/4 part	1	Unit			
E) GLASS WARES AND PLASTIC WARES:						
1	Test Tube, \varnothing 16mm x 150mm long, borosilicate	40	pc			

2	Evaporating Dish, 75 ml. capacity	8	pc			
3	Glass Funnel	8	pc			
4	Petri Dish	40	pc			
5	Beaker, 250 ml., borosilicate	16	pc			
6	Alcohol Thermometer, -20°C to 110°C	8	pc			
7	Glass Slides, 72's/box	2	box			
8	Glass Cover Slips, 100's/box	2	box			
9	Graduated Cylinder, 100 ml. capacity	8	pc			
10	Erlenmeyer Flask, 250 ml., borosilicate	16	pc			
11	Stirring Rod, Ø 6mm x 250mm long	8	pc			
12	Alcohol Burner, glass, 150 ml. capacity	8	pc			
13	Graduated Cylinder, 10 ml. capacity	8	pc			
14	Syringe, plastic, without needle, 20 ml.	10	pc			
15	Wash Bottle, plastic, 250 ml.	16	pc			
16	Beral Pipette Dropper, 1 ml. capacity	16	pc			
F) CHEMICALS:						
1	Gentian Violet, 100 ml / bottle	2	bottle			
2	Iodine Solution, 100 ml / bottle	2	bottle			
3	Bromthymol blue, 100 ml / bottle	2	bottle			
4	Yeast, granules, active dry yeast, 100 grams /	2	bottle			

Prepared by:

Noted
by:

Custodian / Supply Pfficer

School Head

**BUREAU OF LEARNING RESOURCES
PROJECT: MASS PRODUCTION AND SUPPLY AND DELIVERY SCIENCE AND MATHEMATICS EQUIPMENT**

**Region VIII
NUMBER OF RECIPIENT PUBLIC SENIOR HIGH SCHOOLS and NUMBER OF PACKAGE PER SCHOOL**

Item No.	School ID	Division Office	School Name	Municipality/City	Name of Principal	Contact Number (or Cell Phone Number)	No. of Sets of Core SME
1	303617	Samar (Western Samar)	Pinabacdao NHS	Pinabacdao	Loida R. Voces	09173626171	1
2	303370	Leyte	Esperanza National High School	Matalom	Teotima B. Golo	09151300224	1
3	313320	Leyte	Buli National High School	Bato	Roel R. Vertudazo	09264184794	1
4	313616	Northern Samar	San Miguel National High School	Las Navas	Lily L. Camanio	0905 594 1317	1
5	313313	Leyte	Libertad National High School	Abuyog	Teodora L. Gabrera	09159670473	1
6	313617	Northern Samar	San Vicente National High School	Catubig	Ostiniano Ongsotto	09472192266	1
7	313202	Biliran	Biliran Science High School	Biliran	Arnold T. Cerera	0920 265 9060	1
8	303652	Calbayog City	Tarabucan National High School	Calbayog	Lorna A. Malto	09777032989	1
			Total				8