



MONITORING TOOL - SCIENCE EQUIPMENT (GRADES 11 to 12)

Name of Tool / Equipment /Learner's Material	In the space provided below, marked with a ✓ if the equipment and / or learner's material has been received and mark with × if it was not.	In the space provided below, write the number of the equipment and / or learner's material that has been received	Of the total number received, how many are... (marked with a ✓ in the choices you made. You can have more than one choice)					Do you need training on the use of the equipment / learners' material	Source of Funds (ex. DepEd CO, RO, SDO, School MOOE, LGU or Others (please specify))
			in good working condition ?	in need of repair?	broken?	unserviceable?	lost?		
1 Advanced Electromagnetism Kit		set							
2 -Bar Magnets: Alnico type, 150 mm X 12 mm X 8 mm									
6 -Magnetic compass, 20 mm diameter									
2 -U-Magnets, Alnico, 6 mm X 16 mm cross section X 100 mm long, jaw opening: 50 mm									
1 -Magnetic field mapper-9 cm X 16 cm clear transparent casing contains iron filings immersed in transformer oil, should clearly show magnetic lines									
1 -spool magnet wire (enamel coated) #20, 100 ft									
1 - steel rod 1/2" dia x 4" long									
2 -copper wire solid, #14, insulated, 15 each cm long									
3- wood blocks 1" X 3" X 4" with pilot holes that run through center of block									
2 Air Blower		unit							
3 Alcohol Burner, glass, 150 ml. capacity		pc							
4 Alcohol Thermometer, -20°C to 110°C		pc							
5 Ammonium Chloride, 100 grams / bottle		bottle							
6 Archimedes Principle Set		set							
7 Astronomy Multimedia Package		package							
8 Balance, Triple-Beam, 2610-gram capacity		unit							
9 Basic Electronics Kit		set							
a) Resistors: 1 assembly 1000 Ω, 2 watts; 1 assembly 2000 Ω, 2 watts; 1 assembly 10 kΩ, 2 watts; 1 assembly 100 kΩ 2 watts									
b) Rectifier Diodes, IN 4002: 4 assemblies									
c) LED, large size - 1 assembly, white									

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d) NPN transistor, 2N3440 or 2N3439 or equivalent - 1 assembly										
e) Capacitor 1500 µF, 25 V- 1 assembly										
f) Variable Resistor, large, rotary, carbon, 5 kΩ, mono-1 assembly										
10 Basic Lens Set		set								
11 Beaker, 100 ml, borosilicate		pc								
12 Beaker, 250 ml, borosilicate		pc								
13 Beaker, 250 ml., borosilicate		pc								
14 Beaker, 50 ml, borosilicate		pc								
15 Beaker, 500 ml, borosilicate		pc								
16 Beaker, 500 ml., plastic		pc								
17 Benedict's Solution, 100ml/bottle		bottle								
18 Beral Pipette Dropper, 1 ml. capacity		pc								
19 Boric Acid, 100 grams / bottle		bottle								
20 Bromthymol blue, 100 ml / bottle		bottle								
21 Bunsen Burner, gas-type		unit								
22 Burette, 25 ml. capacity (acid)		pc								
23 Burette, 25 ml. capacity (base)		pc								
24 Calcium Chloride, 100 grams / bottle		bottle								
25 Calorimeter		pc								
26 Centrifuge		unit								
27 Coefficient of Linear Expansion		set								
28 Condenser, Liebig-type (with accessories)		set								
29 Copper Sulfate, CuSO ₄ , 100 grams / bottle		bottle								
30 Cork Borers		set								
31 Cork Stopper for Ø 16mm test tube		pc								
32 Cork Stopper, with 1 hole, for 250 ml Erlenmeyer Flask		pc								
33 Cork Stopper, with 2 holes, for 250 ml Erlenmeyer Flask		pc								
34 DC Ammeter		unit								
35 DC String Vibrator with String		unit								

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36	DC Voltmeter		unit							
37	Diffraction slits & Diffraction grating Set		set							
38	Digital Geiger-Muller Counter with accessories		set							
39	Digital Microscope		pc							
40	Dissecting Set		set							
41	Distilling Flask, 250ml		pc							
42	Dry Cell Holder, size D		pc							
43	Dry Cell, 9 volts		pc							
44	Dry Cell, size D, 1.5 volts		pc							
45	Electrolysis Apparatus, student type		pc							
46	Engine Model (Internal Combustion)		set							
47	Erlenmeyer Flask, 250 ml., borosilicate		pc							
48	Evaporating Dish, 75 ml. capacity		pc							
49	Ferrous Sulfate, 100 grams / bottle		bottle							
50	Filter Paper, ordinary, 24" x 24" sheet		sheet							
51	Filter Paper, ordinary, 600mm x 600mm sheet		sheet							
52	Florence Flask, glass, 250 ml., round bottom		pc							
53	Force Table		set							
54	Fuse Holder w/ Fuse		set							
55	Galvanometer		unit							
56	Gentian Violet, 100 ml / bottle		bottle							
57	Glass Cover Slips, 100's/box		box							
58	Glass Funnel		pc							
59	Glass Slides, 72's/box		box							
60	Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long		length							
61	Graduated Cylinder, 10 ml. capacity		pc							
62	Graduated Cylinder, 100 ml. capacity		pc							
63	Graduated Pipette, 10ml. , with rubber pipettor		set							
64	Halogen Tube		pc							

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65	Hand Gloves, acid/solvent-resistant, super nitrile		pair							
66	Hand Lens, 10x magnification		pc							
67	Hand Lens, at least 5x magnification		pc							
68	Hydrochloric Acid, HCl, technical grade, 500 ml / bottle		bottle							
69	Hydrometer for heavy liquids		pc							
70	Hydrometer for light liquids		pc							
71	Inorganic/Organic Molecular Model Set		set							
72	Iodine Solution, 100 ml / bottle		bottle							
73	Laboratory Hot Plate		unit							
74	Laser Light, line laser type		unit							
75	Laser Pointer, dual-function		pc							
76	Litmus Paper Strips, blue, 100's/vial		vial							
77	Litmus Paper Strips, red, 100's/vial		vial							
78	Loud Speaker		unit							
79	LPG tank with Gas, 11 kg. capacity, with accessories		unit							
80	Magnesium Ribbon, 25 grams/roll (60 to 75 feet long)		roll							
81	Magnetic Stirrer		unit							
82	Manganese Dioxide, 50 grams / bottle		bottle							
83	Microscope, Compound		unit							
84	Miniature Light Bulb		pc							
85	Miniature Light Bulb Holder Assembly		pc							
86	Mirror Set		set							
87	Model, Animal Meiosis		set							
88	Model, Animal Mitosis		set							
89	Model, Human Skeleton		unit							
90	Model, Human Torso		unit							
91	Molecular Geometry (VSEPR) Set		set							
92	Mortar and Pestle, 150 ml. capacity		set							
93	Motor-Generator Model Experiment Set		set							

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94	Multimeter, digital		unit							
95	Musical Instrument (Miniature Guitar)		unit							
96	NSTIC Cart-Rail System (8 sets)									
	Stand Base, 2 pcs/set		pc							
	Rail, 2 lengths/set		lh							
	Leveling Pad Assembly, 1 assy/set		assy							
	Cart-spring loaded, 1 unit/set		unit							
	Cart-with counterweight, 1 unit/set		unit							
	Stopper-Fork Assembly, 1 assy/set		assy							
	Driving Mass, 3-gram, 5 pcs/set		pc							
	Cylindrical Mass, 50-gram, 5 pcs/set		pc							
	Plastic Hammer, 1 pc/set		pc							
	Hose Level, 3-meter, 1 length/set		lh							
	Motorized Cart, 1 unit/set		unit							
	Dry Cell, 1.5 V, size AA, 1 pc/set		pc							
	Plastic Modelling Clay, 1 bar/set		bar							
	String (thick), 1 ball/set		ball							
	String (thin), 1 ball/set		ball							
97	NSTIC Stand Setup (8 sets)									
	Stand Base, 1 pc/set		pc							
	Stand Support, 4 pcs/set		pc							
	Ø 9.5mm x 250mm long Stand Rod, 2 lengths/set		lh							
	Ø 9.5mm x 500mm long Stand Rod, 1 length/set		lh							
	Multiclamp Assembly, 1 assy/set		assy							
	Universal Bosshead Assembly, 2 assy/set		assy							
	Universal Clamp Assembly, 2 assy/set		assy							
98	NSTIC Storage Case 002		pc							
99	Open U-tube Manometer with Water Pressure Apparatus (Nakamura-type)		set							
100	Open U-tube Manometer, glass, with accessories		unit							

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101	Optical Bench Set		set							
102	Osmosis Apparatus		unit							
103	Petri Dish		pc							
104	pH Meter, range 0 to 14 pH		unit							
105	Phenolphthalein Indicator, 100 grams/bottle		bottle							
106	Plastic Storage Box		pc							
107	Potassium Chloride, 100 grams / bottle		bottle							
108	Potassium Iodide, 100 grams / bottle		bottle							
109	Prism		pc							
110	Reagent Bottle, narrow-mouth, amber glass (250 ml. capacity)		pc							
111	Reagent Bottle, wide-mouth, transparent glass (250ml. capacity)		pc							
112	Resistance Board		set							
113	Resonance Tube, close-ended		set							
114	Ring with stem		pc							
115	Ripple Tank Set		set							
116	Rock Samples Box, 24 compartments, with minerals of 3 rock types		set							
117	Rubber Stopper # 0 for Ø 16mm test tube		pc							
118	Rubber Stopper # 6, with 1 hole, for 250 ml Erlenmeyer Flask		pc							
119	Rubber Stopper # 6, with 2 holes, for 250 ml Erlenmeyer Flask		pc							
120	Rubber Stopper for Ø 16mm test tube		pc							
121	Safety Goggles, polycarbonate		pair							
122	Set of Coils		set							
123	Set of Connectors (# 18 copper, AWG stranded):									
	Black, 350mm long, with alligator clip & banana plug on ends		pc							
	Red, 350mm long, with alligator clip & banana plug on ends		pc							
	White, 350mm long, with alligator clip & banana plug on ends		pc							
	Blue, 350mm long, with alligator clip & banana plug on ends		pc							
124	Set of Tools		set							
	One (1) set of Tools is composed of the following:									

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Screwdriver, flat, 6", 1 pc										
Screwdriver, phillips, 6", 1 pc										
Long Nose Pliers, 6", 1 pair										
Mechanical Wire Cutter and Pliers, 6.5", 1 pair										
Soldering Iron, 60 watts, 1 pc										
Ball Peen Hammer, length is 11", 350g approx. weight, 1 pc										
Precision Screwdrivers Set, 6 pcs/set, with plastic casing, 1 set										
Tweezers, stainless steel, with curved tips, 6.5" long, 1 pair										
Consumables:										
Soldering Lead, Ø1mm, Grade 60/40, Wt.: 1 lb/spool, 1 spool										
Soldering Paste, 50 grams/can, 1 can										
125 Slinky Coil, metal			pc							
126 Sodium Hydroxide (Lye), 250 grams/bottle			bottle							
127 Sodium Sulfate, 100 grams / bottle			bottle							
128 Sound Signal Generator Kit			unit							
129 Spatula, porcelain and glazed			pc							
130 Stirring Rod, Ø 6mm x 250mm long			pc							
131 Storage Cabinet, stainless steel, for corrosive materials			unit							
132 Storage Cabinets (for non-corrosive materials):										
Biology Storage Cabinet			unit							
Chemistry Storage Cabinet			unit							
Physics Storage Cabinet			unit							
133 Strobe Light			unit							
134 Sulfur Powder, 100 grams / bottle			bottle							
135 Sulfuric Acid, technical grade, 500 ml / bottle			bottle							
136 Switches, Knife-type			pc							
137 Syringe, plastic, without needle, 20 ml.			pc							
138 Test Tube Brush			pc							
139 Test Tube, Ø 16mm x 150mm long, borosilicate			pc							

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140	Toploading Electronic Balance		unit							
141	Triangular File, fine, 6" long, with plastic handle		pc							
142	Tripod, Height: 6"		pc							
143	Tuning Fork Set		set							
144	Universal pH Paper, ph 0-14, 100 strips/pack		pack							
145	Vacuum Tube and Manual Vacuum Pump		set							
146	Variable Power Supply, AC-DC		set							
147	Vial, screw-neck, 25 ml. (with screw-type plastic cap)		pc							
148	Vial, screw-neck, 50 ml. (with screw-type plastic cap)		pc							
149	Volumetric Flask, 250ml.		pc							
150	Wash Bottle, plastic, 250 ml.		pc							
151	Watch Glass, Ø 90mm		pc							
152	Wire Gauze		pc							
153	Yeast, powder, active dry yeast, 100 grams / vacuum pack		pack							
154	Zinc Chloride, 100 grams / bottle		bottle							
155	Zinc metal, pellets/mossy, 100 grams / bottle		bottle							
156	Zinc Nitrate, 100 grams / bottle		bottle							

REGION: _____
 DIVISION: _____
 SCHOOL: _____
 SCHOOL ID: _____

Prepared by:

 SIGNATURE OVER PRINTED NAME

Teacher