



MONITORING TOOL - SCIENCE EQUIPMENT (GRADES 7 to 10)

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?	unservicable?	lost?	others, specify in the space provided below		
1 Advanced Electromagnetism Kit		kit								
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, variable speed control		unit								
3 Alcohol Burner, glass, 150 ml. Capacity		pc								
4 Alcohol Thermometer, -20°C to 110°C		pc								
5 Aluminum Rod, solid, Ø 6mm (minimum) x 300mm long (Conductor)		pc								
6 Aneroid Barometer Set (demonstration type)		unit								
7 Aneroid Barometer Set (wall type)		unit								
8 Animal Cell Chart, tarpaulin, 660mm x 500mm		pc								
9 Archimedes Principle Set		set								
10 AWG # 18 stranded wire connector, blue, 250mmL w/ alligator clips at both ends		pc								
11 AWG # 18 stranded wire connector, red, 250mmL w/ alligator clips at both ends		pc								
12 AWG # 18 Wire, black, 250mm long with alligator clips at both ends		lh								
13 AWG # 18 Wire, black, 500mm long with alligator clips at both ends		lh								
14 AWG # 18 Wire, red, 250mm long with alligator clips at both ends		lh								
15 AWG # 18 Wire, red, 500mm long with alligator clips at both ends		lh								
16 Baking Soda (NaHCO <sub>3</sub> ), 200 grams / bottle		bottle								

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17 Balance, Triple-Beam		unit								
18 Balance, Triple-Beam, 2610-gram capacity		unit								
19 Bar Magnet, 6" x 3/4" x 1/4"		pc								
20 Basic Electronics Kit		kit								
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										
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										
21 Basic Lens Set (set of 6 lenses)		set								
22 Beaker, 100 ml, borosilicate		pc								
23 Beaker, 1000mL		pc								
24 Beaker, 250 ml, borosilicate		pcs								
25 Beaker, 50 ml, borosilicate		pc								
26 Beaker, 500 ml., polypropylene plastic		pc								
27 Beaker, 600 ml, borosilicate		pc								
28 Benedict's Solution, 100ml/bottle		bottle								
29 Boric Acid, 100 grams / bottle		bottle								
30 Bromthymol blue, 100 ml / bottle		bottle								
31 Bulldog Type Clip, small, 1 inch		pc								
32 Bunsen Burner, gas-type		unit								
33 Calcium Chloride, 100 grams / bottle		bottle								
34 Cart-Rail System (includes Dynamic Carts, Motorized Cart, Rails, etc.)		set								
35 Case 001 (with Cover and Base Sheathing)		pc								
36 Case 002 (with Cover and Base Sheathing)		pc								
37 Case 003 (with Cover and Base Sheathing)		pc								
38 C-Clamp with hook		pc								
39 Celestial Globe		unit								
40 Chart on Electromagnetic Spectrum, 750mm x 1000mm, tarpaulin		pc								
41 Chart on Periodic Table of Elements, tarpaulin, 36" x 72"		pc								

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42 Chart on Radioactive Elements, 1000mm x 1500mm, tarpaulin		pc								
43 Copper Rod, solid, Ø 6mm (minimum) x 300mm long (Conductor)		pc								
44 Copper Sulfate, CuSO <sub>4</sub> , 100 grams / bottle		bottle								
45 Copper wire AWG # 16, solid		meter								
46 Cork Borers, 4mm to 20mm OD, 12 borers/set		set								
47 Cork stopper for 250 ml Erlenmeyer flask , with 1 hole		pc								
48 Cork stopper for 250 ml Erlenmeyer flask , with 2 holes		pc								
49 Cork stopper for Ø 16mm test tube		pc								
50 Cup Anemometer with Wind Vane, handheld, digital direct reading		unit								
51 DC Ammeter		unit								
52 DC String Vibrator with String		unit								
53 DC Voltmeter		unit								
54 Development of an Embryo Chart, tarpaulin, 660mm x 500mm		pc								
55 Dissecting Set		set								
56 Distillation Setup		set								
Distilling flask, 250ml		pc								
Condenser, Leibig-type (straight)		pc								
Rubber stopper for distilling flask w/ two 6mm holes; 60-70 Duro		pc								
Rubber stopper for condenser w/ one hole; 60-70 Duro		pc								
Rubber tube, Ø 10mm x 8mm x 2000mm long		lht								
57 Dry Cell Holder, for single size D dry cell, 4 pcs/set		set								
58 Dry Cell Holder, single		pcs								
59 Dry Cell, 9 V, ISO Certified		pc								
60 Dry Cell. 1.5 V, size D , ISO Certified		pc								
61 Erlenmeyer Flask, 250 ml., borosilicate		pc								
62 Evaporating Dish, 75 ml. capacity		pc								
63 Experiment Module		pc								
64 Ferrous Sulfate,100 grams / bottle		bottle								
65 Filter Paper, ordinary, 24" x 24" sheet		sht								
66 Florence Flask, 250 ml., borosilicate glass		pc								
67 Food Guide Pyramid Chart, tarpaulin, 660mm x 500mm		pc								
68 Free-Fall Apparatus (includes Solenoid, Pad Switch, Synchro Box, Timer, etc.)		set								

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69	Friction Apparatus	set								
70	Fuse Holder with Fuse	pc								
71	Galvanometer	unit								
72	Gene Map of the Human Chromosome, tarpaulin, 660mm x 500mm	pc								
73	Gentian Violet, 100 ml / bottle	bottle								
74	Glass Cover Slips, 100's/box	box								
75	Glass Funnel, Ø 50mm (Top Inside Diameter), length of stem: 75mm	pc								
76	Glass Rod, solid, Ø 6mm (minimum) x 300mm long (Insulator)	pc								
77	Glass Slides, 72's/box	box								
78	Glass Tube, 3mm OD x 1200mm long (for experiments in capillarity)	lh								
79	Glass Tube, 6mm OD x 1200mm long (for experiments in capillarity)	lh								
80	Glass Tubes, Hematocrit, 100's/pack (for experiments in capillarity)	pack								
81	Glass Tubing, Ø 4mm x 1220mm long	lh								
82	Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long	lht								
83	Graduated Cup, 250 ml. Capacity, plastic, transparent	pc								
84	Graduated cylinder, 10 ml cap, borosilicate	pc								
85	Graduated Cylinder, 10 ml. Capacity	pc								
86	Graduated Cylinder, 100 ml. capacity	pc								
87	Graduated Cylinder, 100 ml., borosilicate	pc								
88	Hand Gloves, acid/solvent-resistant, super nitrile	pair								
89	Hand Lens, at least 10x magnification	pc								
90	Hand Lens, at least 5x magnification	pc								
91	Hooked Masses:									
	500-gram Hooked Mass	pc								
	250-gram Hooked Mass	pc								
	20-gram Hooked Mass	pc								
92	Hooke's Law Apparatus	set								
93	Hydrochloric Acid, HCl, technical grade, 500 ml / bottle	bottle								
94	Hydrometer, Specific Gravity: 0.700 - 2.000, 15" long	pc								
95	Iodine Solution, 100 ml / bottle	bottle								
96	Knife Switch, SPST	pcs								
97	Laboratory Tong, stainless steel, 8 3/4" long	pc								

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98	Lens Paper, 50's/pack		pack							
99	Lever Assembly		assy							
100	Life Cycle of a Plant Chart, tarpaulin, 660mm x 500mm		pc							
101	Light Source		pc							
102	Litmus Paper Strips, blue, 100's/vial		vial							
103	Litmus Paper Strips, red, 100's/vial		vial							
104	Logic Gates Trainer Kit		unit							
105	Loudspeaker, ≥ 1 watt, all frequency or low range, 4-8 Ohms.		unit							
106	LPG tank with gas, 11 kg. capacity, regulator & hose assbly.		unit							
107	Magnesium Ribbon, 25grams/roll		roll							
108	Magnetic Compass		pc							
109	Manganese Dioxide, 50 grams / bottle		bottle							
110	Map of Philippine Climates, 35" x 50", tarpaulin		unit							
111	Map of Philippine Volcanoes, 34" x 51", tarpaulin		unit							
112	Map of Stars, 48" x 54", tarpaulin		unit							
113	Map of World Climates, 42" x 42", tarpaulin		unit							
114	Medicine Dropper, 2 ml. capacity		pc							
115	Mendel's Law Charts:									
	Monohybrid Cross Chart, tarpaulin, 660mm x 500mm		pc							
	Dihybrid Cross Chart, tarpaulin, 660mm x 500mm		pc							
116	Meterstick, plastic		pc							
117	Microscope, Compound		unit							
118	Microscope's Immersion Oil, 100mL/bot		bottle							
119	Miniature Bulb base (Socket), screw-type inrectangular plasic base, srew type binding posts		pc							
120	Miniature Bulb, 2.5 V, screw-type		pc							
121	Miniature Light Bulb Base (Socket), 3 pcs/set, with baseboard & binding posts		set							
122	Miniature Light Bulb, 1.35 to 2.5 V, 0.06 A or greater handling current, 3 pcs/set		set							
123	Mirror Set (set of 3 mirrors)		set							
124	Model, Animal Meiosis		unit							
125	Model, Animal Mitosis		unit							
126	Model, Human Skeleton		unit							

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127	Model, Human Torso		unit								
128	Mortar and Pestle, 150 ml. Capacity		set								
129	Motor-Generator Model Experiment Set		set								
130	Multiclamp Assembly		assy								
131	Multimeter, digital		unit								
132	Musical cards, Size A5 (210mmx148mm)		pc								
133	Musical Instrument, miniature Guitar		unit								
134	NSTIC-developed Heat Conductivity Apparatus		pc								
135	NSTIC-developed Thermocline Apparatus		pc								
136	Ø12.7mm x 1000mm long Stand Rod		pc								
137	Ø9.5mm x 250mm long Stand Rod		pc								
138	Ø9.5mm x 500mm long Stand Rod		pc								
139	Oil, vegetable, 100 ml / bottle		bottle								
140	Open U-tube Manometer with Simple Water Pressure App. Nakamura Type (and accs.)		unit								
141	Penlight, 2x" AA", aluminum alloy case		pc								
142	Petri Dish		pc								
143	Petri Dish, Ø 100mm (minimum)		pc								
144	Phenolphthalein Indicator, 100 grams/bottle		bottle								
145	Plant Cell Chart, tarpaulin, 660mm x 500mm		pc								
146	Plastic Rod, solid, Ø 6mm (minimum) x 300mm long (Insulator)		pc								
147	Plastic spoon, transparent, 15.24cm length		pc								
148	Poster on Basic Laboratory Apparatuses, 30" x 40", tarpaulin		pc								
149	Poster on Laboratory Safety Rules, 30" x 40", tarpaulin, wall mount		pc								
150	Poster: Layers of the Earth, 33" x 52", tarpaulin		unit								
151	Poster: The Richter Magnitude Scale, 33" x 52", tarpaulin		unit								
152	Potassium Chloride, 100 grams / bottle		bottle								
153	Potassium Iodide, KI, 100 grams / bottle		bottle								
154	Prism , right-angle, acrylic, T=10mm; Base=40mm; H=65mm or 90°x45°x45°; hyp: 75mm		pc								
155	Protractor, plastic, 180°, semi-circular, 15cm diameter (minimum)		pc								
156	Pulley Set:										

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Double Pulley Assembly		assy								
Single Pulley Assembly		assy								
157 Pyramid of Biomass Chart, 660mm x 500mm		pc								
158 Rain Gauge		unit								
159 Refraction Blocks (1 set is composed of 1 pc Glass & 1 pc Acrylic), semi-circular blocks		set								
160 Refraction Tank		unit								
161 Resistance Board, 3 boards/set		set								
162 Resonance Tube Set, close-ended		set								
163 Ring and Ball Apparatus		unit								
164 Ring with stem		pc								
165 Rock Samples Box, 24 compartments, minerals and 3 rock types		pc								
166 Rubber Stopper # 0, with 1 hole		pc								
167 Rubber Stopper # 0, without holes		pc								
168 Rubber Stopper # 6 with 2 holes		pc								
169 Rubber stopper for Ø 16mm test tube		pc								
170 Rubber stopper for 250 ml Erlenmeyer flask , with 1 hole		pc								
171 Rubber stopper for 250 ml Erlenmeyer flask , with 2 holes		pc								
172 Rubber Stopper for Ø 16mm test tube		pc								
173 Safety Goggles, polycarbonate		pair								
174 Seismograph Model		unit								
175 Set of Connectors:										
AWG # 18, black, 250mm long with alligator clip and banana plug on ends		pc								
AWG # 18, red, 250mm long with alligator clip and banana plug on ends		pc								
AWG # 18, white, 250mm long with banana plugs on both ends		pc								
AWG # 18, blue, 250mm long with banana plugs on both ends		pc								
176 Set of Tools		set								
Screwdriver, flat, 3/16" tip W x 6" L		pc								
Screwdriver, phillips,Point size blade #3 x 6" long		pc								
Long Nose Pliers with side cutter, 6"		pr								
Mechanical-Wire Cutter and Pliers, 6"		pr								
Soldering Iron, 60 watts		pc								

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Ball Peen Hammer, length including handle is 11", 350 grams		pc								
Precision Screwdrivers Set, 6 pcs, with plastic casing		set								
Tweezers, stainless steel, with curved tips, 6 1/2" long		pr								
Soldering Lead, Ø1mm, Grade 60/40, Wt.: 1 lb/spool		spool								
Soldering Paste, all purpose flux, 50 grams/can		can								
177 Slinky Coil, metal, Ø3" x 4" long		pc								
178 Sodium hydroxide (Lye), odorless white semi-transparent solids, 250 grams / bottle		bottle								
179 Sodium Hydroxide (NaOH), pellets, 100 grams / bottle, technical grade		bottle								
180 Sodium sulfate, 100 grams / bottle		bottle								
181 Solar System Model		unit								
182 Sound Signal Generator Kit		unit								
183 Spare Parts:										
Worm with Axle Assembly of the Motorized Cart		assy								
Worm Gear A of the Motorized Cart		pc								
Spur Gear B of the Motorized Cart		pc								
Spur Gear C of the Motorized Cart		pc								
184 Spring Balances:										
10-Newton Spring Balance Assembly		assy								
5-Newton Spring Balance Assembly		assy								
2-Newton Spring Balance Assembly		assy								
185 Stainless steel metal screw # 6; 6mm x 3in		pc								
186 Stand Base Assembly		assy								
187 Stand Support		pc								
188 Steel Rod, solid, Ø 6mm (minimum) x 300mm long (Conductor)		pc								
189 Stirring Rod, Ø 6mm x 250mm long		pc								
190 Stopwatch, digital		pc								
191 Storage Cabinet for corrosive materials, PP		unit								
192 Storage Cabinets:										
Integrated Science Storage Cabinet		pc								
Biology Storage Cabinet		pc								
Chemistry Storage Cabinet		pc								
Physics Storage Cabinet		pc								

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193	Student Optical Bench Set with Meterstick		set								
194	Sulfur Powder, 100 grams / bottle		bottle								
195	Sun-Earth-Moon Model		unit								
196	Switch, knife-type		unit								
197	Syringe, 10 ml. Capacity, glass		pcs								
198	Syringe, 10 ml. Capacity, glass without needle		pc								
199	Telescope, astronomical		unit								
200	Terrestrial Globe, Ø 12 inches		unit								
201	Test Tube Brush		pc								
202	Test Tube Holder		pc								
203	Test Tube Rack		pc								
204	Test Tube, Ø16mm x 150mm long		pc								
205	Ticker Timer Set, 6-12V		sets								
206	Transformer (Set of Coils)		set								
207	Triangular File, 6" long, with handle		pc								
208	Tripod		pc								
209	Tuning Fork Set (set of 8 tuning forks)		set								
210	Tweezer, 6 1/2" long, stainless steel, self-closing, with wood handle & serated jaws		pair								
211	Universal Bosshead Assembly		assy								
212	Universal Clamp Assembly		assy								
213	Universal pH Paper, ph 0-14, 100 strips/pack		pack								
214	User's Manual (Basic Science)		pc								
215	User's Manual (Mechanics)		pc								
216	U-shaped Magnet, 3" L x 3" W x 3/4" thick		pc								
217	Variable Power Supply with 5 pcs. Terminal Board		unit								
218	Vial, Ø 12mm x 75mm long		pc								
219	Wash Bottle, plastic, 250 ml.		pc								
220	Watch Glass, Ø 90mm		pc								
221	Wire Gauze		pc								
222	Wire Stripper		pc								
223	Wood Rod, solid, Ø 6mm (minimum) x 300mm long (Insulator)		pc								
224	Yeast, granules, active dry yeast, 100 grams / bottle		bottle								

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225 Zinc Nitrate, 100 grams / bottle			bottle								
226 Zinc Pellets, 100 grams / bottle			bottle								

REGION: \_\_\_\_\_  
 DIVISION: \_\_\_\_\_  
 SCHOOL: \_\_\_\_\_  
 SCHOOL ID: \_\_\_\_\_

Prepared by: \_\_\_\_\_

\_\_\_\_\_  
 SIGNATURE OVER PRINTED NAME  
 Teacher