



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? | unservicable? | lost? | others, specify in the space provided below | | |
| 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, 1N 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 | | | | | | | | | |
| 37 | Diffraction slits & Diffraction grating Set | | | | | | | | | |
| 38 | Digital Geiger-Muller Counter with accessories | | | | | | | | | |
| 39 | Digital Microscope | | | | | | | | | |
| 40 | Dissecting Set | | | | | | | | | |
| 41 | Distilling Flask, 250ml | | | | | | | | | |
| 42 | Dry Cell Holder, size D | | | | | | | | | |
| 43 | Dry Cell, 9 volts | | | | | | | | | |
| 44 | Dry Cell, size D, 1.5 volts | | | | | | | | | |
| 45 | Electrolysis Apparatus, student type | | | | | | | | | |
| 46 | Engine Model (Internal Combustion) | | | | | | | | | |
| 47 | Erlenmeyer Flask, 250 ml., borosilicate | | | | | | | | | |
| 48 | Evaporating Dish, 75 ml. capacity | | | | | | | | | |
| 49 | Ferrous Sulfate, 100 grams / bottle | | | | | | | | | |
| 50 | Filter Paper, ordinary, 24" x 24" sheet | | | | | | | | | |
| 51 | Filter Paper, ordinary, 600mm x 600mm sheet | | | | | | | | | |
| 52 | Florence Flask, glass, 250 ml., round bottom | | | | | | | | | |
| 53 | Force Table | | | | | | | | | |
| 54 | Fuse Holder w/ Fuse | | | | | | | | | |
| 55 | Galvanometer | | | | | | | | | |
| 56 | Gentian Violet, 100 ml / bottle | | | | | | | | | |
| 57 | Glass Cover Slips, 100's/box | | | | | | | | | |
| 58 | Glass Funnel | | | | | | | | | |
| 59 | Glass Slides, 72's/box | | | | | | | | | |
| 60 | Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long | | | | | | | | | |
| 61 | Graduated Cylinder, 10 ml. capacity | | | | | | | | | |
| 62 | Graduated Cylinder, 100 ml. capacity | | | | | | | | | |
| 63 | Graduated Pipette, 10ml. , with rubber pipettor | | | | | | | | | |
| 64 | Halogen Tube | | | | | | | | | |

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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: _____
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 SCHOOL ID: _____

Prepared by:

SIGNATURE OVER PRINTED NAME

Teacher