

# Complete Lab List

- (1) 500,000 Volt Van de Graaff Generator
- (1) Fluorescent Wand & Discharge Dome
- (1) Hailstorm Apparatus
- (1) Orbiting Charged Planet Assembly
- (1) Modified 500,000 Volt Tesla Coil with Toroidal Discharge Dome
- (1) Tesla Lamp Kit Contains 10 Various CFL Bulbs and Neon Discharge Wands
- (1) Neon Gas Modulated Laser
- (1) Photo Transistor Receiver Apparatus
- (1) Dynamic Hand held Microphone
- (1) 20' Length of Fiber Optic Cable
- (3) Amplified Speakers (modified)
- (1) Portable 60 MHz Dual Trace Oscilloscope
- (3) Digital Multi-Meters
- (1) AC Low Voltage Generator (modified)
- (1) Variable Speed Battery Powered Drill Motor
- (1) Carbon Model Display
- (1) Laminated Periodic Table of Elements Wall Poster
- (10) Various Incandescent Lamp Assemblies
- (4) Standard Base Lamp Sockets (base mounted)
- (1) Edison DC Power Loss Demonstration Apparatus
- (1) Analog 500-0-500 Microamp Galvanometer
- (1) Analog 25-0-25 Microamp Galvanometer
- (1) Thermopile Apparatus
- (1) Thermoelectric Module
- (1) Thermoelectricity Experimenter's Kit
- (1) Butane Portable Heat Source
- (1) Thermocouple Module

- (1) Thermal Energy Experimenter Kit
- (1) Low Current Electric Motor (base mounted with fan)
- (1) Electric Ferris Wheel Motor Apparatus
- (1) AM/FM Magneto Radio (modified)
- (2) 12 Volt 17A Gel Cell Fused Power Supplies
- (1) 6 Volt 2.5A Gel Cell Power Supply
- (2) 2.1 Volt 2.5A Gel Batteries (with banana type connections)
- (1) Tesla Ring Lamp Apparatus
- (1) Tesla Lamp Kit (assorted gas filled CFL bulbs and neon wands)
- (1) Power Wars Demonstration Apparatus (with 2 watt meters)
- (1) Power War Lamp Kit (14 lamps of equal brightness but significantly lower power consumption)
- (1) Lab Power Supply 30V 5A Variable
- (1) Electromagnet/Solenoid Assembly (with LED N/S Pole Indicators)
- (1) Induction Loop Coil (with leads)
- (1) Barbeque Spark Generator Display Apparatus
- (1) Crystal Collider Piezoelectricity Apparatus
- (1) Crystal Crunching Apparatus
- (1) Piezoelectric Crystal Element Kit
- (1) Wind Powered Generator Assembly
- (1) AC Powered Blower Fan
- (3) Hand Held Wind Turbines with LED Lamps
- (1) Antigravity Magnet Demonstration Apparatus
- (1) "Magnets On A Rail" Lenz Law Experiment
- (1) Shish Kabob Magnet Experimenter's Kit
- (1) Hydrogen Powered Car
- (1) Ethanol Powered Fuel Cell
- (1) Low Power FM Broadcast Radio Transmitter (for in school broadcasting)
- (1) Solar Energy Panel Kit (various solar cells and panels from .1-75 watts)

- (1) 75 watt Flood Lamp Assembly
- (1) AC Power Inverter 300 watt
- (1) Hydroelectricity Power Generator
- (1) Hydroelectricity Water Reservoir With 25' Garden Hose
- (1) Model Home (with internal high wattage LED)
- (2) Mounted PM Loudspeaker Apparatus
- (1) Lab 1-30 KHz AC Generator (12V Powered)
- (3) Magnet Compasses
- (2) Voltaic Cell Apparatus
- (2) The Body Electric Dissimilar Metal Voltaic Cell Kits
- (6) LED CKT Board Lamp Assemblies
- (1) Inside an Integrated Circuit Microscope Apparatus
- (1) Inside a LED Microscope Apparatus
- (1) Assorted Test Leads, Banana Plug Patch Cables & Alligator Clips
- (1) Crystal Radio Apparatus
- (1) Music Box AC Sound Generator Apparatus
- (1) Tower Of Power Battery Kit
- (1) Chemical Power Cell Experimenter's Kit
- (1) Electron Flow Illustration Apparatus
- (1) Magnetic Properties of Metals Kit
- (1) Slinky Radio Kit
- (1) Microwave Energy to Visible Light Conversion Apparatus
- (1) Alexander Graham Bell Telephone Recreation Kit
- (1) Fuse & Circuit Breaker Experimenter's Kit
- (1) Radiometer
- (3) Piezoelectric Sounder Modules
- (1) Wimshurst Machine
- (2) Faraday Magneto LED Flashlights

- (2) Dynamo Hand Crank Flashlights
- (1) Electromagnetic Field Experimenter's Kit (with AC portable space heater)
- (4) Hand Crank DC Generators/Motors
- (1) Electroscope
- (1) The Human Circuit Demonstration Apparatus
- (1) Miscellaneous Lab Supplies & Consumables
- (36) Safety Goggles with Individual Storage Pouches
- (1) Ultraviolet Sanitizing Unit (for Goggles)
- (1) First Aid Kit
- (1) Kidde 2.5 lb. Class BC Fire Extinguisher
- (1) Lab Safety Rules Wall Chart
- (2) Storage Lockers for Lab Equipment
- (10) Stacking Clear Tote Boxes (one for each module)
- (2) Fiberglass Rolling Lab Carts
- (1) Power Point Presentation "Electricity's Greatest Hits"
- (1) Student Study Guides and Teacher Lesson Plans