List of Suggested Equipment for Weatherization/Energy Efficiency Students and Lab

Based on: *Energy Conservation Training Handbook, 2012,* Energy Coordinating Agency, Inc.

- 10'x10' house with a window and door
- Blower door
- Electrical mock up with household appliances
- Kill o watt meter
- Gas leak detector
- Co2 detector
- Thermal thermometer
- Energy efficiency hand book
- DIY Basic starter tool kit's (Y1, Y2) that might include the following:
    - 9 oz. hammer, 6.5" bull nose pliers/wire cutter, 8" adjustable wrench, 5" 100-500V voltage tester, screw, nail, dry wall anchor and washer set, 5.75" flashlight (requires two AA batteries - not included), 9.5" mini hack saw (blade length is 6"), and 7" Phillips head screwdriver
    - 7" flat head screwdriver, 2"-5" flat head precision screwdrivers, 2"-5" Phillips head precision screwdrivers, 6" box cutter, 80" measuring tape, and eight metric hex keys (1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 5.5mm, 6mm)

Other Tools (Depending on Lab Set Up, Off-Site Work, Amount of Weatherization Curriculum Focus

- Hammers and Demolition Tools: Claw Hammer, Ball-Peen Hammer, Sledgehammer, Nail puller, Ripping Bars
- Chisels and Punches: Chiles, Punches
- Wrenches: Non-Adjustable Wrenches, Adjustable Wrenches
- Pliers and Wire Cutters
    - Slip-joint pliers
    - Long-nose pliers
    - Lineman pliers
    - Tongue and groove pliers
    - Locking pliers
- Measurement and layout tools
    - Steel ruler
    - Measuring tape
    - Wooden folding rule
    - Laser measuring tools
- Levels and Layout Tools
    - Spirit Levels
    - Digital Levels
    - Laser Levels
    - Squares

    - Plumb Bob
    - Chalk Lines
- Cutting and Shaping tools: Handsaws
- Other common hand tools
    - Shovels and Picks
    - Safety and Maintenance
    - Chain falls and come-alongs
    - Clamps
- Power Tools
    - Cordless drills
    - Power Saws: saber saws, reciprocating saws, circular saw