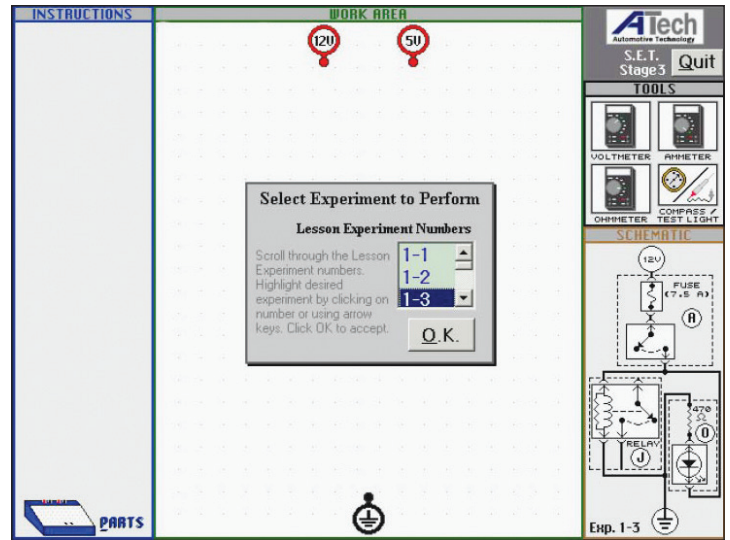# S.E.T. Virtual Trainer

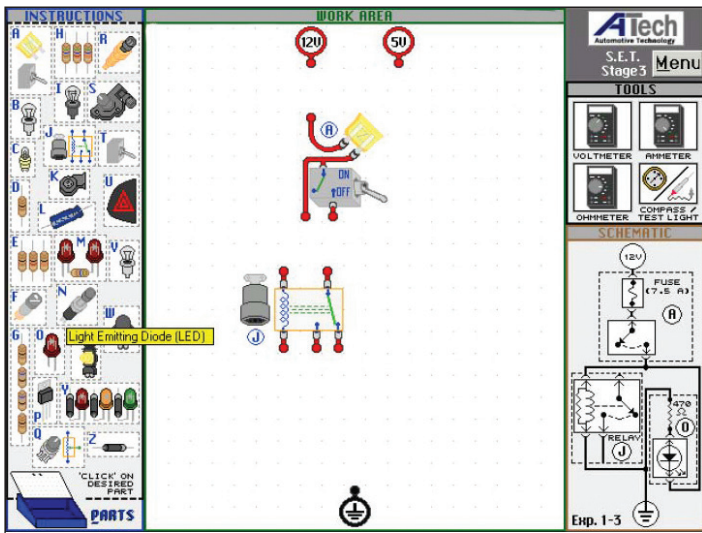## (models 18002VT1/18002VT1N, 18002VT2/18002VT2N, & 18002VT3/18002VT3N)

This ATech software is a low cost Complement/Alternative to the GM S.E.T. project board. The program provides a virtual simulation of the GM S.E.T. Trainer and the instructional resources to perform the experiments from the GM "Electrical/Electronics" Stage 1, Stage 2 and Stage 3 courses.

- Experiment circuit illustrated in schematic

- Operational schematic, i.e. switch operates on both pictorial circuit and schematic

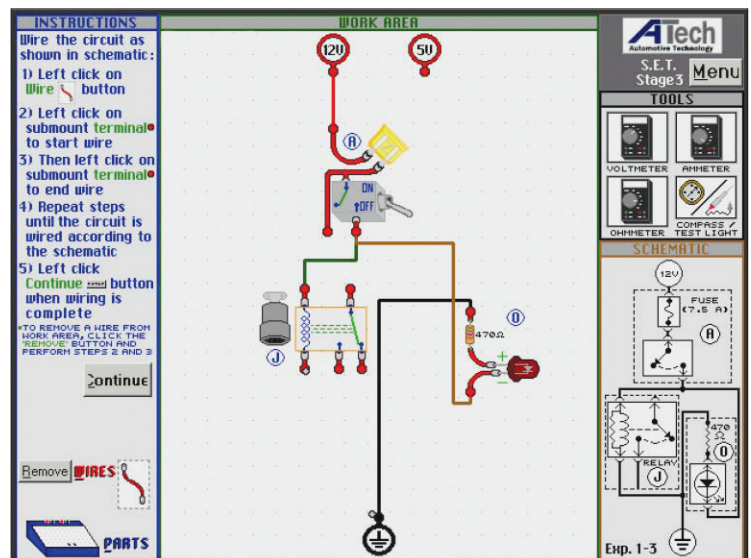- Operational schematic ties components to symbols

Circuit Selection by Experiment Number

Submount Selection and Placement

- Submount/component selection from pictorials and module numbers

- Submount/component interactive placement by selecting and dragging to position

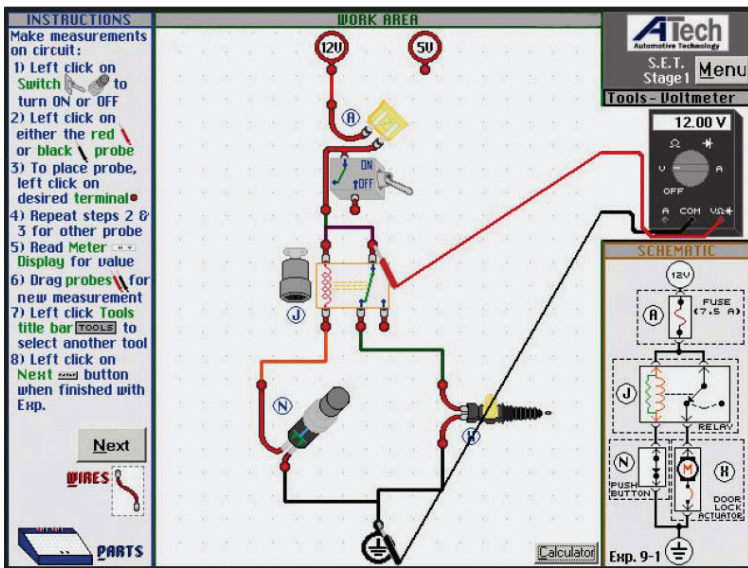- Software checks for accurate submount/component selection

- Interactive wiring of submounts

- Interactive relocation of wired submounts allows circuit reposition on breadboard

- Voltage measurements

- Resistance measurements

- Current measurements

- Simulated component operations
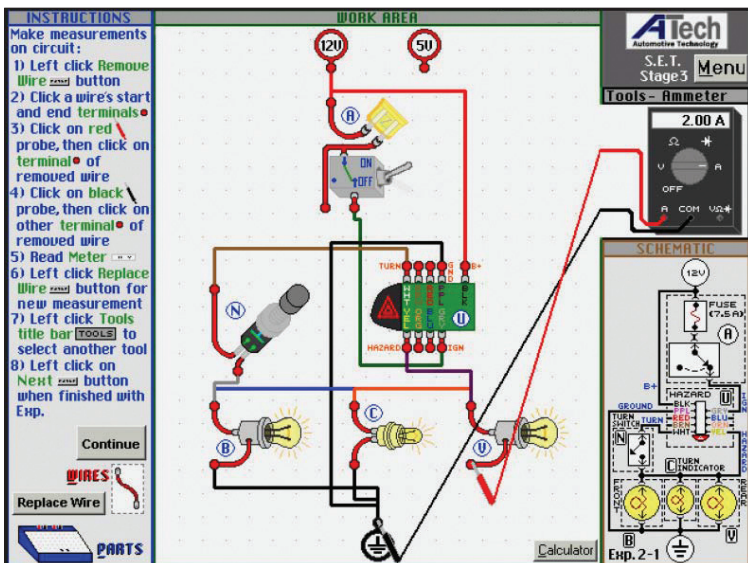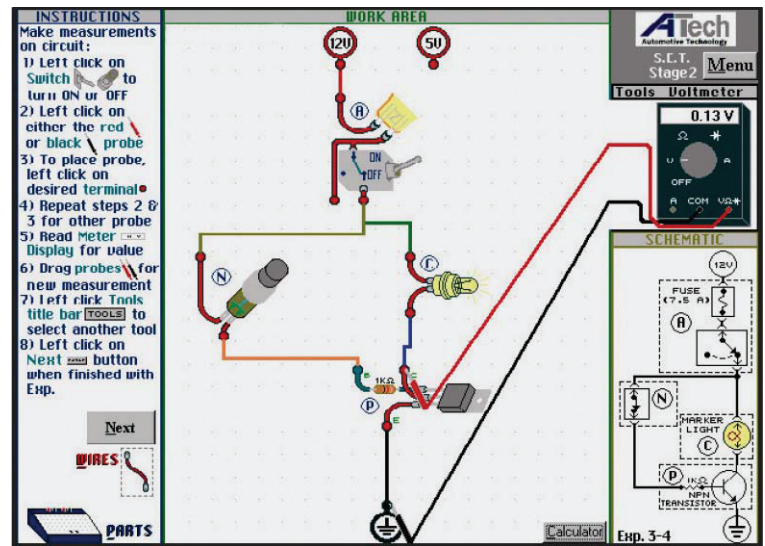

Interactive Wiring

GM S.E.T. "Virtual" Trainer - Stage 1
model 18002VT1

- Properties of Electricity
- Ohm's Law
- Series Circuits
- Parallel Circuits
- Series-Parallel Circuits
- Electromagnetic Induction
- Network Version Available - model 18002VT1N

GM S.E.T. "Virtual" Trainer - Stage 2
model 18002VT2

- Automotive Electrical Components
- Solid State Components
- Vehicle Systems
- Network Version Available - model 18002VT2N

GM S.E.T. "Virtual" Trainer - Stage 3
model 18002VT3

- Computers
- Sensor Inputs
- Actuator Outputs
- Series-Parallel Circuits
- Network Version Available - model 18002VT3N

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