ENVIRONMENTAL MONITORING
GT-4000

The Environmental Monitoring (EM) Training Program enables students to study the human effect on our environment. Hands-on labs introduce students to data loggers, sensors, and lab equipment to perform the necessary tests on air and water to establish quality, identify heavy metals, eliminate noise pollution, and filter out light and UV radiation, to name a few.
EM technicians provide critical data for environmental scientists and specialists.

Green STEM MARCRAFT

Not Just a Simulation! Hands-on Labs Use the Following Equipment:
- Data Loggers
- Temperature Sensors
- Wind Speed Sensors
- Sound Sensors
- Light Sensors
- Humidity Sensors
- pH Sensors
- Dissolved Oxygen Sensors
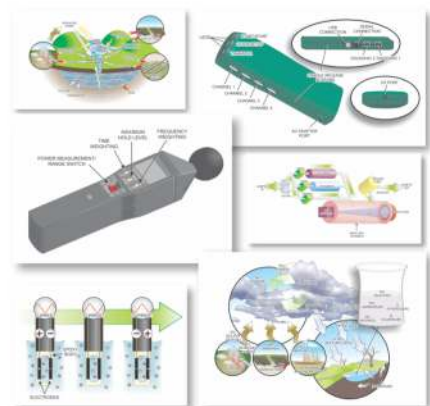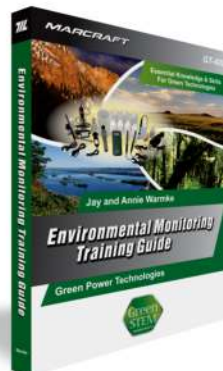- Carbon Dioxide Sensors

The Marcraft Environmental Monitoring Course covers these topics:
- Monitoring Air Quality
- Radon Gas
- Carbon Monoxide and Combustible Gases
- Carbon dioxide
- Volatile Organic Compounds
- Airborne Lead
- Asbestos
- Monitoring Water Quality
- Radon in Water
- Heavy Metals
- Pesticides
- Environmental pH Water Assessments
- Sound and Noise Pollution
- Light and UV Radiation
- Environmental pH Soil Sampling
- Lead Pollution in Soil
- **AND MUCH MORE!**

Real World Hands-on Labs!

INCLUDES:

GT-4000	Environmental Monitoring Technology Module (Requires PC Workstation Computers)
GT-400IG	Instructor's Guide with PowerPoint Presentation Media (1 Per Classroom)

ACCESSORIES:

GT-400	Environmental Monitoring Text/Lab Guide
GT-40C	Environmental Monitoring Consumable Set