

Guide to DiscoverSTEM2011 Exhibits

Green Technology and Environmental Sciences

- 1 AB Schools Green/AB Power Down Project & Green Council:** Reducing Power Consumption in Schools
- 3 Acton Water District/ACES:** Well Water, Safe Drinking Water, Measuring our Success
- 4 Acton MinuteVan:** Transportation and Traffic Studies
- 6 Azure Dynamics:** Transit Connect Electric Vehicle
- 8 Beyond Benign:** Green Chemistry and Sustainable Science
- 11 The Discovery Museums:** Dream Green House and the Science of Home Insulation
- 22 Next Step Living:** Home Energy Efficiency Made Easy
- 26 Tesla Motors:** Electric Sports Car—in ABRHS Front Circle

Engineering, Computer Technology, and Robotics

- 2 AB Robotics Team:** Robotics Team Demonstration
- 7 BAE Systems:** Owning the Night with Thermal Cameras
- 13 Embed:** Electronics and Electrical Engineering
- 17 IBM:** How Engineering Software Impacts Our Lives
- 21 MIT Lincoln Labs:** FIRST Lego League and FIRST Technology Challenge Robot
- 24 Qualcomm Corporation:** Snapdragon Powers the New Mobile Generation
- 25 SolidWorks:** Design, Analysis and 50 lbs of Dumbbells
- 28 Tribute to Steve Jobs:** How has Apple Technology Impacted Your World?

Medicine, Biotechnology, Biomedical Engineering and Pharmaceuticals

- 5 Astra-Zeneca Pharmaceuticals:** Counting Cells in a Liquid Environment
- 9 Boston Scientific Corporation:** Minimally Invasive Surgical Devices
- 16 Harvard University Medical School:** Center for Personalized Genetic Medicine
- 18 iWalk:** The First Bionic Lower Leg System
- 19 Mass Eye and Ear:** Ear Surgery and Research
- 20 Mass Eye and Ear:** Sinus Surgery Technology Innovation with Image Guidance
- 23 Pro EMS:** Emergency Medical Services Equipment and Supplies
- 27 ThermoFischer Scientific:** Technology for Medical Research and Life Sciences
- 29 Tufts Veterinary School:** Veterinary Medicine from the Emergency Room to the Laboratory

Math, Physics and Chemistry

- 10 Concord Consortium:** Motion Studies with LOOPS
- 12 The Discovery Museums/The Young Einstein Club:** Reaction Station: Adventures for Chemists
- 14 Harvard-Smithsonian Center for Astrophysics:** South Pole Astronomy
- 15 WorldWide Telescope Ambassadors Program:** Exploring Astronomy with the WorldWide Telescope
- 30 Amateur Telescope Makers of Boston:** Introduction to the Amateur Telescope Makers of Boston

Science . Technology . Engineering . Math