

NEWS RELEASE



For more information contact:
Sharla Woodrow
Fourier Systems, Inc.
512-266-4066
sharla@fourier-sys.com

For immediate release
Charlene Blohm
C. Blohm & Associates, Inc.
608-839-9800
charlene@cblohm.com

The EcoLogXL™ System Provides Students with a Mini Weather Station

Portable data logger from Fourier Systems allows students to collect environmental data

AUSTIN, TEXAS (May 23, 2005) – Students are drawn to environmental science because it affords them the opportunity to learn more about conditions in the world around them. Today’s young science students even have the ability to instantly measure and record environmental data that affects their everyday lives – such as temperature, humidity and sound level – using the EcoLogXL, a new portable, pocket-sized data logger from Fourier Systems, Inc.

The EcoLogXL system for elementary students is the latest innovation from Fourier, an international leader in the development and distribution of compact portable data logging devices for the science classroom. EcoLogXL is an enhanced version of Fourier’s award-winning EcoLog data logger. The EcoLogXL is even more versatile for school use because of its compact size, graphic display and portability.

Functioning as a mini-weather station, EcoLogXL aids understanding in many science units, explaining such phenomena as the greenhouse effect and barometric pressure. Using the EcoLogXL built-in sensors, students can monitor environmental changes in temperature, light, sound, humidity, and pressure. Students can broaden their experiments by connecting to a variety of external sensors including photogates and sonic distance sensors.

Because EcoLogXL can be used as a stand-alone device to collect data, students have the freedom to conduct experiments in the classroom, lab, or outdoors – allowing students to truly understand the environment around them.

Students internationally are reaping the benefits of the hands-on learning made possible by Fourier data loggers. In Texas, where students are tested in grade 5 for science understanding, some Houston-area schools are using EcoLogXL as part of a hands-on, inquiry-based approach.

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“There are lots of connections to be made with the EcoLogXL,” said Dr. Dee Goldberg, Assistant Administrator for Science at Spring Branch Independent School District. “We have students working on solar energy, using the EcoLogXL and a light detector to measure light intensity. They also use other probes to measure temperature and humidity.” In fifth grade, Spring Branch students study science units such as Environments, Landforms, Mixtures & Solutions, and Solar Energy.

As a portable data logger, the EcoLogXL lets students view immediate results from their experimentation outdoors or outside of the classroom. Students can then connect EcoLogXL to a desktop computer or laptop in order to display their experiment data in graphs or tables.

The EcoLogXL system includes Fourier’s EcoLab software, which helps students enhance their understanding of the ecological experiments conducted in the classroom or outdoors. All Fourier software is compatible with PCs and Macintosh computers.

Pricing EcoLogXL starts at \$209. For more information about the capabilities of the EcoLogXL data logger or any of the accompanying software, visit www.fourier-sys.com.

About Fourier Systems, Inc.

Established in 1989, Fourier is a world leader in the manufacture and distribution of compact portable data logging devices and accessories for the education market. The company’s science kits continue to push the standards of science education higher, now in over 30 countries around the world. With the wide range of sensors, user-friendly software and relevant curriculum material, Fourier’s products demonstrate a commitment to high quality. Fourier has earned accolades both nationally and internationally, including the Worlddidac award for the EcoLog™ in 1998 and for ExperiNet™ in 2002. For more information, visit www.fourier-sys.com or phone 866-352-6994.

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