A stream study box provides materials and sampling equipment for instruction in the topics of hydrology, biodiversity and indicator species and water chemistry.

Help for stream studies

By Melanie Lebert
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Attention educators who are interested in incorporating science into the classroom using a fun, interactive and hands-on approach combined with stream monitoring curriculum based on the Standard Course of Study: A stream study box is now available which includes materials and sampling equipment such as nets and buckets to assist with instruction in the areas of hydrology, biodiversity and indicator species and water chemistry.

The box was created in partnership with Cowee LTER Schoolyard and Macon Middle School science teacher Colette Lovell.

In the hydrology area, the

See Science on page 8A
Science: Study box promotes understanding of all aspects of streams

Coweeta LTER Schoolyard Program

The overall goal of the Schoolyard LTER initiative is to impress the importance of long-term research and environmental awareness into the curriculum of science instructors. The program:

• Provides necessary equipment and resources for conducting field research and data collection.

• Provides direct learning experiences about long-term ecological studies to middle school, high school, community college students and their instructors.

• Promotes student-science interactions that foster understanding of careers in science.

• Collects and shares data that is relevant to the LTER research areas (e.g., As population increases in rural areas due to ex-urbanization, how will water quantity, water quality and biodiversity be affected, especially in the context of global climate change.)

• Provides opportunities for students to learn about local ecosystem structure and function.

About Coweeta Hydrologic Lab

Coweeta Hydrologic Lab is a U.S. Forest Service Research Station that was established in 1934 to investigate different forest management activities on water quality and quantity.

Today Coweeta Hydrologic Lab has expanded its mission and partners with colleges and universities through the University of Georgia's LTER (Long Term Ecological Research) Program.

LTER is research that is conducted over a long period of time, which looks at detecting patterns and phenomena of importance that are not typically understood through short term study.