

Phinizy ASE Program Fall 2014

Topics Covered:

- Scientific Method
- Population Ecology
- Soils and Rocks
- Watersheds
- Urban Water Cycle
- Stream Ecology
- Microorganisms
- Plant Physiology

Skills Practiced:

- Experimental design
- Reading, interpreting, and creating graphs, charts, and diagrams
- Using tools to take measurements in the field
- Collecting and interpreting data
- Converting units of measure
- Viewing cell structure under microscopes
- Using dichotomous keys to identify organisms
- Interpreting topographic maps

Phinizy Center for Water Sciences

Our Education Philosophy...

The goals of Phinizy Center's Education Department are:

- ◆ To inspire passion for and appreciation of the natural environment.
- ◆ To provide the knowledge and tools needed to maintain a healthy urban watershed.

We believe these goals are best achieved through active, hands-on learning that engages students and encourages them to search for scientific solutions to environmental problems.

Educational research has shown that outdoor education has a unique potential to inspire excitement about learning by providing hands-on field experiences. We believe this approach also helps cultivate interest in careers in science and watershed protection.

The Phinizy ASE Program
is in partnership with
ESG Operations &
Augusta Utilities Department



Afterschool Science Enrichment Program



Grades 6—12
Tuesdays 4:30—6:30pm
Sept. 9 through Nov. 18, 2014

www.phinizycenter.org
706-796-7707



Afterschool Science Enrichment (ASE) Program Information

*Need extra help in science class?
Want to get a head start on a great
science fair project?*

*Interested in doing cool science
experiments in the great outdoors?*

Join the Afterschool Science Enrichment (ASE) program at Phinizy Center for Water Sciences!

The ASE program is a 10-week series designed to help students gain a better understanding of science by conducting experiments in a natural, outdoor setting—Phinizy Swamp Nature Park.

The program consists of **one 2-hour group session per week (Tuesday 4:30–6:30pm), and one 1-hour individual session per week.** Students will complete a science project and present results at the end of the program. ASE runs **Sept. 9 through Nov. 18.**

The ASE Program is open to students in **grades 6 through 12.** Concepts and skills covered are aligned with Georgia and South Carolina academic standards.

Registration deadline is Friday, Sept. 5. Space is limited; register early to ensure your spot! Call 706-796-7707.

Afterschool Science Enrichment Registration

Student Name _____

School _____ Current Grade _____

Parent/Guardian Name _____

Address _____

City/State/Zip _____

Phone _____ Email _____

Fee includes 2 hours of group instruction and 1 hour of individual instruction per week. Payment plans available; inquire for details.

Payment methods: Check, credit card, or online at www.phinizycenter.org

Registration deadline: Friday, September 5, 2014

Program fee:

Member \$400

Non-member \$450

Deposit enclosed _____

Become a Phinizy Center Supporter:

Family membership \$50

Additional donation _____

Total enclosed _____

Credit card # _____

Mastercard / Visa / Discover only

Exp. Date _____ CVC # _____



Mail To:
Phinizy Center for Water Sciences
1858 Lock & Dam Road
Augusta, GA 30906

