## 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.

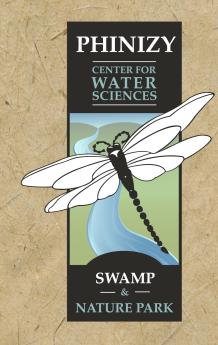
Educational research has shown that outdoor education has a unique potential to inspire excitement about learning by providing hands-on field experiences. We believe this approach also helps cultivate interest in careers in science and watershed protection.

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	<b>《沙里·马兰</b> 》
Phone Em	nail
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:	Become a Phinizy Center Supporter:
☐ Member \$400	☐ Family membership \$50
□ Non-member \$450	☐ Additional donation
☐ Deposit enclosed	Total enclosed
Credit card #***Mastercard / Visa / Discover only***  Exp. DateCVC #	
Exp. Date CVC #	
Mail To: Phinizy Center for Water Sciences 1858 Lock & Dam Road Augusta, GA 30906	