



High School Program Offerings

Enviroscape

Explore the watershed concept and how topography influences the movement of water across the landscape. Through a hands-on Enviroscape activity, students will discuss water movement across land, identify local non-point pollution sources impacting waterways within the watershed and brainstorm some conservation measures that could be taken to protect the environment.

SEC1a; SEC1b; SEC1c; SEC5a; SEC5d; SEV4a; SEV4b; SO2a; SO6a; SO6c; SO6d

Georgia Adopt-A-Stream Macroinvertebrate Study

Macroinvertebrates are excellent biological indicators of water quality. In this program students will get an up-close exploration with real samples and learn to identify and categorize these aquatic insects by pollution tolerance levels. This in-class lab makes for a great introduction on macroinvertebrates before taking a water monitoring field trip to a local pond or stream. Ask about our Georgia Adopt-A-Stream Certification and how your group can contribute quarterly to the statewide database!

SEC3b; SEC3c; SEC3d; SEC5a; SEC5c; SEC5d; SEN1a; SEN1b; SEN1c; SEN1d; SEN1e; SEN2b; SEN2c; SEV1e; SEV2d; SEV4a; SEV4b; SZ1a; SZ4a; SZ4b; SZ4c; SZ5a; SZ5b; SZ5c; SZ5d

Georgia Adopt-A-Stream Chemical Water Monitoring Techniques

Learn to collect water samples, perform water quality experiments including dissolved oxygen, pH, temperature, and conductivity and how they relate to habitat and water quality. This hands-on chemistry activity incorporates the scientific method. Programs can be conducted in a lab or at a local stream site. Ask about our Georgia Adopt-A-Stream Certification and how your group can contribute monthly to the statewide database!

SC3b; SEC4a; SEC4c; SEC4d; SEV1e; SEV4a; SEV4b; SEC5a; SEC5d

Reptile Program

How have snakes adapted to survive in their environment? Which species do we have in Georgia? Which ones are venomous and how can you tell? Most importantly, how do they benefit our ecosystem? Students will learn the answers to these questions and much more. At the end of the program students will get to meet a live, native snake.

SEC1a; SEC1b; SEC1c; SEC2a; SEC2b; SEC2c; SZ2b; SZ4a; SZ4b; SZ5a; SZ5d

Interpretive Hike

Join a SCT environmental educator at one of our public nature areas to see what we can see! On the hike students can expect to learn how to identify several plant and tree species (even in the winter!), listen for bird calls, search for animal signs, discuss ecosystems, food chains, land management practices and learn some of the natural history of the nature area. Please come prepared with weather appropriate hiking clothes and closed toed shoes and water.

SB1.a; SB4.a,c; SB5.a,e; SB6.a,b,c,d,e; SB1.a,c,e; SB4.a,b; SB2.c; SB5.a,c,d,e

Skulls & Furs

SCT Educator will share skulls and furs of animals native to the Piedmont region of Georgia. Students will investigate the skulls and make hypotheses about some of the animal's adaptations, the type of consumer it may be, its place in the food chain, its role in the ecosystem and finally the type of animal it might be. Students will have the chance to handle the skulls to identify key characteristics and explore some of the furs belonging to the animals discussed, further exploring some of the adaptations. As the subject comes up, SCT educators will address the role of hunting in Georgia.

SB1.a; SB4.a,c; SB5.a,e; SB6.a,b,c,d,e; SB1.a,c,e; SB4.a,b

Programs are tailored to suit the knowledge and learning objectives of the participants but also intended to challenge students to develop new connections and apply information learned to real life scenarios.