

Day Program Options

Visit our website at www.coosariverscienceschool.org

Rev. 08/2009

SCIENCE-BASED PROGRAMS

Out on a Limb: Join us for an in-depth look at our forest ecosystem. The focus of this class will be to explore the forest floor, learn to identify some of our common native trees to Alabama, and learn about the process of decomposition on the forest floor. Students will also enjoy a hike through seldom seen areas of the Center.

What's Buggin' You: This class introduces students to the diverse and fascinating world of insects through hands-on exploration and activities designed to examine insect adaptations and behaviors. Students will learn to see the world through the eyes of bugs and better understand their vital role in our environment.

Herpetology: One of our most popular classes! Students will have an opportunity to touch, observe and learn about reptiles and amphibians native to Alabama. Many misconceptions about these animals will be discussed and students will see how beneficial they are to our natural world.

NEW!! Something's Fishy: We will take a closer look at the largest group of vertebrates in the world. Habitat variations and unique adaptations will be examined as well as getting the opportunity to design, catch or dissect!

Friends of a Feather: Students will learn about the world of birds through observation, discussion, and practice! Food chains, beak adaptations, and toe arrangements are just a few topics to explore.



Lake Living: Explore the aquatic habitat of Lay Lake and discover the amazing world below the surface! Students will need to wear old clothes as they will use nets, stereoscopes, and a dichotomous key to collect, examine, and study aquatic insects and other water critters. This class allows students the opportunity to make a solid connection between biodiversity and the health of an ecosystem.

Rivers and Reservoirs (Recommended for 6th grade and higher): The history of the Coosa River is a focal point of this class. Students will discuss watersheds, the effects of pollution on bodies of water, and will conduct chemical tests of Lay Lake.

OTHER CONTENT BASED CURRICULUM

Alabama's Living History: We will travel across Lay Lake via Pontoon Boat and back in time to take a trip through Central Alabama Community College's Pioneer Village. Students will take a hike through history on their tour through the village and will be introduced to the way of life in Alabama during the late 1800s.

NEW... THIS CLASS WILL TAKE PLACE DURING AN ENTIRE AFTERNOON AND COUNTS AS TWO PROGRAM SELECTIONS.

NEW!! Lost and Found: The ability to read maps is crucial. This class focuses on the different types of maps and allows students the opportunity to practice using maps to find their way around camp. Beginner and advanced courses are offered.

Get Your Bearings: Students are introduced to some basic compass skills including how to calculate pacing. This class naturally incorporates vital math skills as students venture through a course using a compass as their navigation tool.



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CONTENT BASED CURRICULUM (CONT)

Team Navigation: Students will work in teams of 2-5 people with hand held Global Positioning Satellite technology (GPS Units) to explore the 4-H Center's grounds. Teams will be sent on a scavenger hunt to solve puzzles via waypoints located in the immediate area.

Amazing Race (Recommended for 6th grade and up): This is an opportunity for students to take our Team Navigation class to the next level. Waypoints are found all over camp. Tasks completed at each site earn the team points. Prizes are determined by the lead teacher. **Digital cameras are recommended for each group to document their tasks and are not provided by the center.**

OUTDOOR EDUCATION PROGRAMS

Archery (Recommended for 5th grade and up): Students will learn the basics of archery under the supervision of our certified instructors. They will master proper safety procedures while at the archery range as well as technique for shooting with emphasis on hitting the target, not necessarily the bull's eye.



Canoeing: Students are given basic canoe instructions for safety and maneuvering before venturing onto the water to try for themselves. The instructor will cover canoe techniques, procedures, and basic water safety. All students must wear a personal flotation device (PFD) at all times and are checked out by trained staff before being allowed to enter the water. **NOTE: For the safety of our students we now REQUIRE that groups 4th grade and younger have an adult for EACH boat on the water to participate in this program.** Contact the Program Coordinator for more details.

New Games: The class is designed to promote cooperation, trust and coordination through traditional and non-traditional field game activities. Students are given the opportunity to run and play while interacting with their peers and team building.

Team Initiatives (4th Grade and up): Students are introduced to the concepts involved with teamwork, team building, and problem solving by the use of Initiatives of "Field Activities." Activities will differ from group to group as instructors feel out the strengths of their team. This program may be taken by itself or as a precursor to the Challenge Course.

Challenge Course (5th Grade and up): Students will learn the importance of teamwork and problem solving by attempting elements found on our Low Ropes Course. Again, elements will differ from group to group as instructors feel out the strengths of their team. Participation in these elements does not involve wearing a harness. All groups will begin their Challenge Course Program with "Ground Initiatives" and will not proceed onto the course until the instructor feels it is safe to do so.

Climbing Wall (4th Grade and up): Students will set goals and attempt to ascend our 35-foot rock climbing wall. Encouraged by their peers and led by a certified climbing wall instructor, students will truly enjoy this thrilling experience. Helmets and harnesses are required and provided.

Giant Swing (5th Grade and up): Our swing offers students a chance to face their fears while depending on their team. Helmets and harnesses are required and provided.

