

Oxbow Meadows

Environmental Learning Center



Photo by Mark W. Krist



Education Programs 2018-2019

Hands-on education in the ecosySTEM



Discover Grow Explore Learn Inspire

Scheduling Information

What's Included:

During field trips, your students will experience:

- Hands-on activities
- Guided hike, themed to the activities selected in the field trip
- Tour of center
- Live science presentation

Group Size:

Field trips can be made for the following group sizes:

- 10-60 students
- 61-120 students

Unfortunately we are not able to accommodate groups of less than 5 students. Groups with 5-10 students will be charged for 10 students.

Standards:

You can find GA, AL, and DODEA standards on our website.

Parents & Chaperones:

New for the 2018-2019 school year, we are allowing 1 FREE chaperone for every 10 students on the field trip. This is because this parent is asked by Oxbow and the school to help out with students during the program. This includes

following rules and assisting with activities. All other parents are now asked to pay \$5, regardless of the program they are attending. There is no fee for teachers and bus drivers for the field trip.

Weather:

All programs take place rain or shine.

Reschedule/Cancel:

You may reschedule your field trip (if space is available). Field trips must be cancelled 2 weeks in advance.

Lunch Information:

After the field trip, your group may stay for a picnic lunch on our grounds. We have a total of six picnic tables and outside space as well for your use.

We do not provide lunch or have food available for purchase. If you have questions about having food delivered, please call our main line at 706-507-8550.

Field Trip Season

Fall

September - December

Winter & Spring

January-May

To Schedule a Field Trip:

1. Read through education program descriptions
2. Complete the Field Trip Registration Form
3. Field trips must be scheduled a minimum of 2 weeks in advance
4. All students must have a signed waiver to participate in a field trip



Field Trip Formats & Fees



2- HOUR PROGRAM

A little bit of everything

RATES: \$6 per student; up to 60 students, divided into 2 groups

Enjoy one hands-on activity, a live-science presentation, a guided hike, and a tour of the center.

2.5-HOUR PROGRAM

Teacher's most popular!

RATES: \$7 per student; up to 60 students, divided into 2 groups

Enjoy an extended field trip; longer program with more time for hands-on learning. This includes everything in the 2-hour program.

2.5-HOUR STEAM Lab Program

NEW STEAM labs

RATES: \$9 per student; up to 60 students, divided in 2 groups

Our STEAM labs provide students with real world opportunities where they solve environmental problems through hands-on experiments and will get to take home something they engineered. Also includes a hike, tour, and live-science show.

3-HOUR PROGRAM

Double the fun, double the learning

RATES: \$9 per student; up to 60 students, divided in 2 groups

Benefit from combining two-separate 1-hour programs and extend student learning. This includes everything in the 2-hour program.

2-HOUR PROGRAM

LARGE GROUP PROGRAM

RATES: \$7 per student; up to 120 students, divided in 4 groups

Perfect option for large groups when you will enjoy a live science presentation, tour of the center, and a themed guided hike.

2 HOUR & 40-MINUTE PROGRAM

Extended Large Group Program

RATES: \$10 per student; up to 120 students, divided in 4 groups

Extend your learning with TWO activities for your students. One will be a hike with hands-on activities and the other is teacher's choice.

1-HOUR PROGRAM

Budget Friendly

RATES: \$3 per student; up to 120 students

Perfect option for a quick field trip where students will enjoy a one-hour live-animal presentation or the STEMsational Science Program.

Field Trips Available Start Times:

- 9:15am
- 9:30am
- 10:00am
- 10:30am

Please arrive 10 minutes before the start of your field trip to allow time for waiver collection, payment, and for getting students into groups.



PreK, Kindergarten, & 1st Grade Field Trips

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Field Trips (10-60 students)

2 & 2.5 Hour Options

Wildlife Explorations

Learn about the different wildlife at Oxbow with entomology, ornithology, and ways animals survive.

Seasonal Discovery

What changes can you find during the different seasons? Students will explore the different ways plants survive in each season.

Clouds & Weather

Learn about different clouds and make your own cloud appear, with the help of science!

2.5 Hour Options

Aquatic Studies

Learn about the different animals that live in our many ponds at Oxbow. Students will also learn about the different ways these animals live in various habitats.

Ozobots for Lil' Tots

Using robotics, students will learn about migration, animal senses, and behavior.

STEAM LAB (10-60 students)

2.5 Hour Options

Bubble Adaptations

Students will learn different ways animals use bubbles to survive, investigate the properties of bubbles, and engineer bubble wands.

Destination Oxbow Meadows (61- 120 students)

2 Hour Options

- Wildlife Explorations
- Seasonal Discovery

2.5 Hour Options

- Wildlife Explorations
- Seasonal Discovery
- Clouds & Weather
- Ozobots for Lil' Tots



2nd and 3rd Grade Field Trips

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Field Trips (10-60 students)

2 & 2.5 Hour Options

Wildlife Tracking

Students will learn about various ways to track wildlife and how humans impact the environment.

Life Cycles

Students will learn about life cycles of a insects as we explore outside and collect insects.

Digging Deeper

Students will dig a little deeper into learning about soils, rocks, and even take a glimpse at fossils.

2.5 Hour Options

Aquatic Studies

Learn about the different animals that live in our many ponds at Oxbow. Students will also learn about the different ways these animals live in various habitats.

Who Polluted the River?

Learn about water pollution as students plan and carry out an investigation using an interactive river model.

Ozobots Animal Senses

Using robotics, students will learn about migration, senses, or behavior.

Map Reading

Students will learn how to read a map, navigate a map course.

STEAM LAB (10-60 students)

2.5 Hour Options

Bubble Adaptations

Students will learn different ways animals use bubbles to survive, investigate the properties of bubbles, and engineer bubble wands.

Hop to It!

Students will learn about invasive species and will engineer a solution for preserving native species.

Cleaning up an Oil Spill

Students will learn about how humans impact the

Destination Oxbow Meadows (61- 120 students)

2 Hour Options

environment and will design a tool to clean up an oil spill.

2.5 Hour Options

- Wildlife Tracking
- Life Cycles
- Wildlife Tracking
- Life Cycles
- Who Polluted the River?
- Ozobots & Animal Senses



4th & 5th Grade Field Trips

Field Trips (10-60 students)

2 & 2.5 Hour Options

Flow of Energy

Students will learn about how energy flows through an ecosystem and will illustrate how ecosystems change over time.

Decomposition

There is a fungus among us as students will learn all about decomposition and composting.

Water Cycle

Learn about the amazing water cycle as students demonstrate the different roles involved, beyond evaporation, condensation, and precipitation.

2.5 Hour Options

Animal Rescue

Students will help Oxbow "rescue" animals with using telemetry models and will learn ways technology helps wildlife.

Field Studies

Students will observe, identify, and classify various animals and plants as we hike on wetland trails.

Aquatic Studies

Conduct an experiment testing water quality with macroinvertebrates and the use of microscopes.

Lego WeDo Pollination

Students will use Legos to study pollination and build a Lego pollinator.

Teambuilding

Students will participate in activities designed to promote cooperation, trust, collaboration, leadership, and communication.

STEAM LAB (10-60 students)

2.5 Hour Options

Slippery Slope

Students will use augmented reality to study land forms and maps. They will build their own compass to navigate our map course.

Hop to It!

Students will learn about invasive species and will engineer a solution for preserving native species.

Cleaning up an Oil Spill

Students will learn about how humans impact the environment and will design a tool to clean up an oil spill.

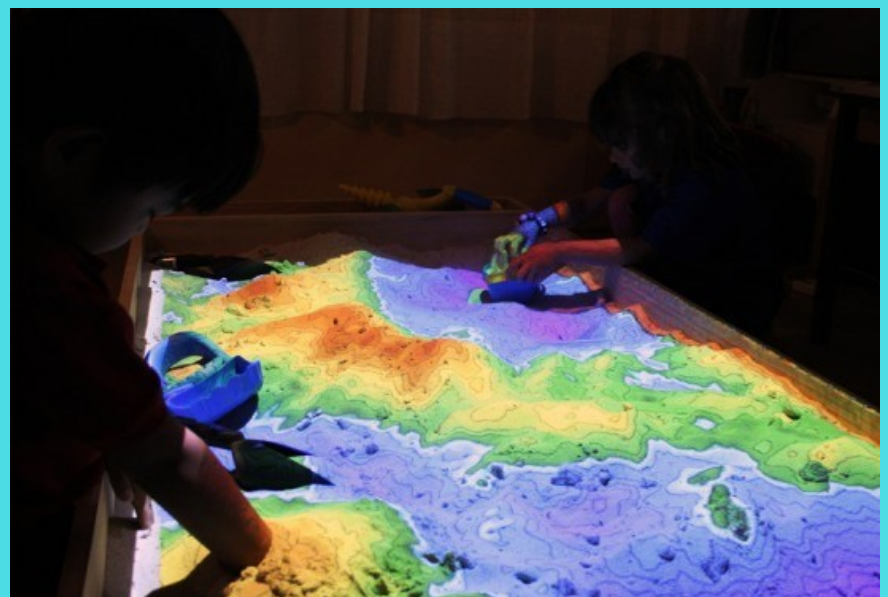
Destination Oxbow Meadows (10-120 students)

2 Hour Options

- Flow of Energy
- Decomposition

2.5 Hour Options

- Flow of Energy
- Decomposition
- Field Studies
- Water Cycle



6th-8th Field Trips

Field Trips (10-60 students)

2 & 2.5 Hour Options

Flow of Energy

Students will learn about how energy flows through an ecosystem and how they change over time.

Field Studies

Students will observe, identify, and classify various animals and plants as we hike the wetlands.

2.5 Hour Options

Weather Alert!

Students will learn about weather patterns through the use of tree rings.

Aquatic Studies

Students will carry out a study on water quality with aquatic macroinvertebrates and use microscopes to get further analysis of adaptations.

Animal Rescue

Students will help Oxbow "rescue" animals using telemetry models and will explore technology helps wildlife.

Lego WeDo Metamorphosis

Students will reptiles and amphibians, build a frog with Legos, and code it to move.

Teambuilding

Students will participate in activities designed to promote cooperation, trust, collaboration, leadership, and communication.

STEAM LAB (10-60 students)

2.5 Hour Options

Testing the Water

Students will learn to engineer a water filter then test the water quality.

Engineering Prosthetics

How do you help injured wildlife? Discover the different ways to help wildlife and design a prosthetic device.

Slippery Slope

Students will use augmented reality to study land forms and maps. They will build their own compass to navigate our map course.

Destination Oxbow Meadows (10- 120 students):

2 Hour Options

- Flow of Energy
- Field Studies

2.5 Hour Options

- Flow of Energy
- Field Studies
- Aquatic Studies



9th-12th Field Trips

Field Trips (10-60 students)

2 & 2.5 Hour Options

Flow of Energy

Students will learn how energy flows through an ecosystem and illustrate how ecosystems change over time.

Field Studies

Students will observe, identify, and classify various animals and plants as we hike the wetlands.

2.5 Hour Options

Climate Change

Students will investigate impacts of climate change on ecosystems.

Animal Rescue

Students will help Oxbow "rescue" animals using telemetry models and will learn ways technology helps wildlife.

Aquatic Studies

Students will design and carry out a study on water quality through the use of macroinvertebrates

Population Growth

Students will learn about global growth and the relationship between humans and the natural environment.

Teambuilding

Students will participate in activities designed to promote cooperation, trust, collaboration, leadership, and communication.

STEAM LAB (10-60 students)

2.5 Hour Options

Testing the Water

Students will learn to engineer a water filter then test the water quality.
GSE: SEV1, SEV2

Engineering Prosthetics

How do you help injured wildlife? Discover the different ways to help wildlife and design a prosthetic device

Slippery Slope

Students will use augmented reality to study land forms and maps. They will build their own compass to navigate our map course.

Destination Oxbow Meadows (10- 120 students):

2 Hour Options

- Flow of Energy
- Field Studies

2.5 Hour Options

- Flow of Energy
- Field Studies
- Population Growth



Outreach Programs

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Reptiles on the Road

This 45-minute auditorium style program includes a live reptile presentation.

Costs:

- \$175 for first program
- \$100 for additional

Math & Science Night

Themes are:

- Live Animals
- STEM activity
- Combo (1 animal and 1 table activity)

Costs:

- \$100 per hour

Career Day

We offer the following options available to Muscogee, Harris, Lee, and Russel Counties.

- Free Career Day with no animals.
- Career Day with 1 animal for a maximum 30-minute presentation. Cost is \$30 per hour;

maximum of 4 hours.

Oxbow in the Classroom

Each program takes place in a 45-minute time frame, one class per program.

K-1st Grade:

- Wildlife Explorations
- Ozobots

2nd-3rd Grade

- Life Cycles
- Who Polluted the River?
- Ozobot Animal Senses

4th-5th Grade

- Flow of Energy
- Water Cycle

6th-8th Grade

- Flow of Energy
- Lego WeDo Pollination
- Teambuilding

9th-12th Grade

- Flow of Energy
- Climate Change
- Population Growth
- Teambuilding

Costs:

- \$175 for first program
- \$100 for additional

STEM on the Road

Each program takes place in a 60-minute time frame, one class per program. Additional classroom requirements may be needed.

K-1st Grade:

- Bubble Adaptations*

2nd-3rd Grade

- Hop to It!

4th-5th Grade

- Cleaning up an Oil Spill**

6th-8th Grade

- Engineering Prosthetics

9th-12th Grade

- Engineering Prosthetics

*Needs space outdoors

**Needs access to a classroom sink

Programs need 10-minutes in-between multiple sessions

Costs:

- \$250 for first program
- \$150 for additional program

Travel Fees (Round Trip):

- 0-30 miles: No charge
- 31-40 miles: \$50 fee
- 41-50 miles: \$60 fee
- 51-60 miles: \$70 fee

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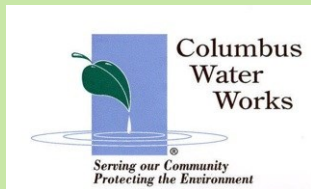
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