




Oxbow Meadows Environmental Learning Center Program Name	Brief Program Description	Min. Size	Max. Size	Length	Cost	Program Type					Grade Level (Suggested)					Standard
						Scales & Trails	STEM Exploration Lab	Pre-k / Sensory	Extended	STEM on the Go	Prek	K-2	3-5	6-8	9-12	
	To schedule a field trip, please visit our website at: https://oxbow.columbusstate.edu/															
A is for Alligator	Join Oxbow in song and story as we explore the world around us!	10	50	1.5	\$5			X		X	X					See Below
Animal Rescue	Students will help Oxbow “rescue” animals with using telemetry models and will learn ways technology helps wildlife.	10	90	2.25	\$8		X		X	X			X	X	X	See Below
Animal Senses	Using robotics, students will learn about migration, animal senses, and behavior.	10	90	2	\$10	X			X	X		X				See Below
Backyard Safari	Learn about the different wildlife at Oxbow with entomology, ornithology, and ways animals survive.	10	120	2	\$10	X			X	X		X				See Below
Bio-Blitz	Learn about local wildlife, ecosystems, and how populations change over time.	10	90	2.25	\$8		X		X	X			X	X	X	See Below
Birds of a Feather	How do birds fly? Where do birds find food? What makes a bird a bird? In this program, students will learn about bird adaptations and have the opportunity to search for local birds on the trails at Oxbow.	10	120	2	\$10	X			X	X			X	X	X	See Below
Branching Out	Deciduous? Coniferous? Students will learn about plants and trees in this activity as we identify trees using dichotomous keys.	10	120	2	\$10	X			X	X			X	X	X	See Below
Bubble Adaptations Engineering Challenge	Students will learn different ways animals use bubbles to survive, investigate the properties of bubbles, and engineer bubble wands.	10	50	1.5	\$5			X			X					See Below
Bugs, Slugs, and other Invertebrates	Explore the tiny and abundant world of insects.	10	120	2	\$10	X			X	X		X	X			See Below
Busy Bees, Busy Blooms	In this lab, students will model the process of pollination between bees and flowers.	10	90	2.25	\$8		X		X	X		X	X			See Below

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Cleaning Up an Oil Spill Engineering Challenge	Students will learn about how humans impact the environment and will design a tool to clean up an oil spill	10	90	2.25	\$8	X			X			X	X	X		See Below
Climate Change	Students will participate in activities the connect climate change with our environment.	10	90	2.25	\$8	X		X	X				X	X		See Below
Decomposition and Nature's Recyclers	There is a fungus among us as students will learn all about decomposition and composting.	10	90	2.25	\$10	X		X	X		X	X				See Below
Discover Diversity	Imagine you are an alien visiting from outer space? How would you classify plants and animals on a new planet? Students will classify, compare, and contrast different plants and animals.	10	90	2.25	\$8	X		X	X			X	X	X		See Below
Dragonflies in Distress	Did you know dragonflies can determine water quality? Students will work in small groups to explore a local water source, collect specimens, and determine water quality.	10	90	2.25	\$8	X		X	X			X	X	X		See Below
Engineer a Reptile: Engineering Challenge	What makes a reptile a reptile? Using natural items, students will create a reptile and discuss adaptations, habitats, and what it needs to survive.	10	120	2.25	\$10	X			X		X	X				See Below
Engineering Prosthetics	How do you help injured wildlife? Discover the different ways to help wildlife and design a prosthetic device.	10	90	2.25	\$8	X			X			X	X	X		See Below
Fur-enics Animal Investigation	Students will learn about various ways to track wildlife and how humans impact the environment.	10	90	2.25	\$8	X		X	X			X	X	X		See Below

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Growing up WILD!	Explore nature and get wild with wildlife at Oxbow! Students will investigate the different animals and habitats found at Oxbow.	10	50	1.5	\$5			X		X	X					See Below
Hop to It Engineering Challenge	Students will learn about invasive species and will engineer a solution for preserving native species.	10	90	2.25	\$8		X			X		X	X			See Below
Incredible Water Journey	Learn about the water cycle in this engaging activity where students go on their own water journey.	10	90	2.25	\$8		X		X	X			X	X		See Below
Insectigations	Discover the world of insects, life cycles, and the role they play in our food web. Students will gain hands-on experience in collecting and identifying insects.	10	90	2.25	\$8		X		X	X		X				See Below
Jeop-Birdy!	In this activity, students will all about birds! Activities may include adaptations, environmental changes, migration, habitats, and other standard related materials.	10	90	2.25	\$8		X		X	X		X	X	X	X	See Below
Lifting Water Engineering Challenge	Students will participate in STEM career program, engineering a devise to lift water.	10	90	2.25	\$8		X			X			X	X	X	See Below
Likin' Lichen Air Quality	Students will explore lichen in an ecosystem and how it relates to air pollution. They will also use simple field guides to identify and classify.	10	90	2.25	\$8		X		X	X			X	X	X	See Below
Little Scientists	Learn about different substances and explore science equipment. Make some snow or slime to take home!	10	50	1.5	\$5			X		X	X					See Below

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Living with Fire Engineering Challenge	Learn about the Longleaf pine ecosystem and the role that fire plays. Students will engineer a device that will both protect a gopher tortoise and safely manage a prescribed burn.	10	90	2.25	\$8		X			X			X	X	X	See Below
Nature Discovery	What changes can you find during the different seasons? Students will explore the different ways plants survive in each season.	10	50	1.5	\$5			X		X	X					See Below
Nature Journal	Combining nature and literacy, students will experience a new way for creativity and writing.	10	120	2	\$10	X			X	X		X	X	X	X	See Below
Nature Quest	Students will learn how to read and follow a map as they navigate Oxbow Meadows.	10	90	2.25	\$8		X		X	X		X	X			See Below
Robotic Zoo	In this STEM activity, students will use robotics that emphasize using shapes, colors, and patterns.	10	50	1.5	\$5			X		X	X					See Below
Seasonal Explorations	Where do animals go in Fall? What happens to plants in Spring? Explore the ever changing seasons in this field trip.	10	120	2	\$10	X			X	X		X				See Below
Sensory-Friendly Nature Explorations	Groups may choose from any field trip listed and we will work with you to design a field trip for your group.	10	50	1.5	\$5			X			X	X	X	X	X	See Below
Teambuilding	Students will work on communication, collaboration, and creativity as the work together.	10	90	2.25	\$8		X		X	X			X	X	X	See Below
Terrific Trees	What do trees need in order to survive? Students will learn about the amazing lifecycles of trees and plants in this program.	10	120	2	\$10	X			X	X		X				See Below

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						Scapes & Trails	STEM Exploration Lab	Pre-k / Sensory	Extended	STEM on the Go	Prek	K-2	3-5	6-8	9-12	
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UnbeLEAFable Trees	Students will learn about forest ecology, identify trees, the many roles that the forest plays, and the different methods of managing a forest.	10	90	2.25	\$8		X		X	X			X	X	X	See Below
Wacky Water	Explore the amazing world of water! Students will learn about the importance of water to both animals and plants and meet animals that need water to survive.	10	50	1.5	\$5			X			X					See Below
What's for Dinner?	Students will discuss interdependence of an ecosystem and the roles of producers, consumers, and decomposers.	10	120	2	\$10	X			X	X			X	X	X	See Below
Weather or Not!	Learn about what makes a cloud and the difference between climate and weather. On clouds days you may get the opportunity to identify clouds in the sky!	10	120	2	\$10	X			X	X		X	X			
Wonders of the Wetland	Where does pollution come from? In this field trip, students will explore types of pollution and where it comes from. Afterwards, they will explore our wetlands.	10	120	2	\$10	X			X	X		X	X	X	X	See Below
Zookeeper Math	In this field trip, students will learn about the needs of animals and practice math skills. They will also explore different STEM careers that work with animals and the environment.	10	90	2.25	\$8	X			X	X		X				See Below



Science Georgia Standards of Excellence Correlation

Oxbow Meadows Program Name	K	1st	2nd	3rd	4th	5th	6th	7th	8th	Env. Sci.	Biology
A is for Alligator											
Animal Rescue				S3L1	S4L1			S7L4		SEV5	SB5
Animal Senses	SKL1	S1L1	S2L1								
Backyard Safari	SKL1, SKL2	S1L1	S2L1								
Bio-Blitz				S3L1	S4L1	S5L1, S5L2		S7L1, S7L4, S7L5		SEV1	SB5
Birds of a Feather				S3L1	S4L1	S5L1, S5L2		S7L4		SEV1	SB5
Branching Out				S3L1	S4L1	S5L1		S7L1		SEV1	SB5
Bubble Adaptations Engineering Challenge											
Bugs, Slugs, and other Invertebrates	SKL2	S1L1	S2L1	S3L1		S5L1					
Busy Bees, Busy Blooms	SKL2	S1L1	S2L1	S3L1		S5L1, S5L2					
Cleaning Up an Oil Spill Engineering Challenge				S3L2	S4L1	S5L4		S7L4		SEV3	SB5
Climate Change							S6E4	S7L4		SEV2	SB5
Decomposition and Nature's Recyclers	SKL1	S1L1	S2L1	S3L1	S4L1	S5L4					
Discovering Diversity						S5L1	S6E6	S7L1, S7L4, S7L5		SEV1	SB5

