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# ROARING BROOK NATURE CENTER

## FIELD TRIPS

Located at 70 Gracey Road in Canton, CT, a field trip to Roaring Brook Nature Center is a great way to bring a breath of fresh air to your curriculum.

At Roaring Brook Nature Center, you can:

- Explore exhibits highlighting local ecosystems.
- Sit in a Native American longhouse.
- Visit with live animals in our wildlife sanctuary including birds of prey.
- Hike through our trails and gardens with a seasoned naturalist.
- and more!

### Times

- Programs typically begin at 9:30 AM, 11:00 AM, or 1:00 PM.
- Field trips can be 1 hour and 15 minutes, 2 hours, or All Day experiences.
- Scheduled times may vary slightly for 2-hour programs or when All Day programs are booked.

### Booking Your Field Trip

To schedule your field trip, please call the Center at (860) 693-0263 or email us at [rbnc@thechildrensmuseumct.org](mailto:rbnc@thechildrensmuseumct.org). Remember that the Nature Center does not arrange for transportation from your school to the Center.

RBNC Field Trips	Length of Program	Minimum Cost	Price
School Age	75 min	\$230	\$11/student
	120 min	\$275	\$15/student
	All Day	\$415	\$20/student
Early Childhood	60 min	\$190	\$10/student
Teachers and School Staff are admitted free of charge. Groups are granted one free chaperone for every 15 students. Additional chaperones may be accommodated if space is available and charged \$6/chaperone.			

### Arrival and Teacher Check-In

Upon arrival, a teacher should check in at the Gift Shop or Office. It is very important that you arrive on time. Late arrivals will often result in shorter programs. Refunds are not issued for reduced time due to tardiness.

### Chaperones and Teachers

- Teachers and School Staff are admitted free of charge.
- One teacher or chaperone is required for every 15 students.
- Additional chaperones may be accommodated if space is available but will be charged an additional \$6 per chaperone.

### Gift Shop

The Nature Center Gift Shop will be open for purchases if requested at the time of field trip registration. Souvenir gift bags may also be ordered in advance. Give us a theme and a cost per bag, and we can provide a fun memory of the trip.

### Picnic Facilities

Facilities are available, but reservations should be made in advance. These sites fill up quickly, and some are dependent on the weather and time of year.

### Special Needs

Please notify the Nature Center if any of your students have special needs. Our building is wheelchair accessible, and we have an ADA-compliant restroom. We also have assisted listening devices for hearing-impaired students. However, many of our trails are not wheelchair accessible.



# RBNC FIELD TRIPS

## IT'S ALIVE

GRADES K-2 LS1.A,B&C

Learn how to distinguish living creatures from the non-living components of their environment. What do living things need in order to survive?

## ALL IN THE FAMILY

GRADES K-2 LS3.A&B

Learn how animal families are similar and how they are different.

## FROM SEED TO SEED

FALL & SPRING ONLY

GRADES K-2 LS1.A&C, LS2.A

Explore how flowering plants change throughout their life cycles in order to survive.

## IT'S NOT JUST DIRT

GRADES K-2 ESS2.C,  
ESS3.A, PS3.D

What is soil, and why is it so important to our survival?

## WHO'S FOR DINNER?

GRADES K-8 PS3.D, LS1.C,  
LS2.A&B

Explore the basic concepts of food chains and webs. Learn how energy cycles through Connecticut's ecosystems.

## HOME SWEET HOME: HABITATS

GRADES K-2 ESS3.A, LS2.A&B

Find out how our local wildlife uses natural resources to meet their survival needs.

## ANIMALS ON THE MOVE

GRADES K-2 LS1.A, LS2.A

All living things move, but they all move in different ways. Find out about fins, wings, and animal movements!

## INSECTS AND THEIR RELATIVES

MAY-OCTOBER ONLY

GRADES K-2 LS1.B, LS3.A&B,  
ESS2.E

Observe insects up close and see what special adaptations they have developed to help them survive.

## NATURE'S ENGINEERS

GRADES K-8 ESS2.E, ESS3.A&C

Animal engineers build structures to help them raise their young, survive the winter, store food, or escape predators. Learn how some animals change their environment and what we can learn from them.

## ADAPTATIONS

GRADES K-8 LS1.A, LS4.B&C

Choose our general adaptations program or a topic from the list below:

- Flowers, Poisons and Thorns
- Predator and Prey
- Claws, Paws & Jaws
- Going, Going, Gone
- Alien Invaders!
- Species specific programs tailored to your students interests (e.g. reptiles, birds)

# RBNC FIELD TRIPS

## **ANIMAL & PLANT LIFECYCLES** GRADES K-8 LS1.B, LS3.A&B

Plants and animals have unique and diverse life cycles. Choose our general life cycle program or a topic from the list below:

- Insects and Their Relatives
- Birds and Butterflies
- Reptiles & Amphibians
- Marvelous Mammals
- From Seed to Seed

## **THE BUZZ ON POLLINATION** GRADES K-3 LS1.B&C, ESS2.E

Plants depend on animals for pollination or to move their seeds around. Explore how the shape of the flower influences who pollinates the flowers and why bees, butterflies, and other animals benefit from pollination.

## **ANIMAL SUPER SENSES** GRADES K-8 LS1.A&D

Animals have body parts that capture and convey information needed for their growth and survival. How do animals perceive the world? Discover animals' super senses and their odd ones, too!

## **NATIVE AMERICANS OF THE EASTERN WOODLANDS** GRADES K-8 LS4.D

Discover how Native Americans relied on their natural environment for all their survival needs including shelter, clothing, and food.

## **CHANGING SEASONS** GRADES K-2 ESS2.D

How do plants and animals deal with the weather and a changing climate?

- What's Up with Fall?
- Frozen
- Spring Picnic

## **THE AMAZING SOIL FOOD WEB** GRADES 3-8 PS3.D, LS1.C, LS2.A&B

Soil is the connection between the Earth's geology and its biology. Learn how energy cycles through soils and, in turn, through ecosystems.

## **CONNECTICUT ROCKS!** GRADES 2-8 ESS1.C, ESS2.B&C

Every rock tells a story. Connecticut's rocks can tell us how Connecticut's landforms came to be.



# RBNC FIELD TRIPS

## **KEEPING WATER CLEAN** GRADES 3-8 ESS3.C

Human activities in agriculture, industry, and everyday life have had major effects on our water resources. Today, individuals and communities are doing things to help protect Earth's resources and environments. This program uses Enviroscope models to demonstrate how to prevent pollution.

## **BEDROCK TO STONE WALLS** SPRING & FALL ONLY GRADES 3-8 ESS2.A,C&E

Geology, ecology, and human history have combined to create the Connecticut landscape we see today. This program combines aspects of "Connecticut Rocks" and "Changing Land, Changing Wildlife."

## **SURVIVAL SKILLS**

GRADES 5-8 ESS2.A&D,  
ESS3.B&C

Learn basic survival skills, including reading a map and compass, fire building, shelter construction, appropriate clothing, and food. Dress for the weather!

## **CHANGING LAND, CHANGING WILDLIFE**

GRADES 3-8 ESS2.E, ESS3.C,  
LS2.C, LS4.D

As Connecticut's ecosystems have changed over time, so has the state's wildlife. Learn how natural phenomena and human activities have impacted animal populations.

## **OUR WATERY WORLD: EARTH'S WATER CYCLE**

GRADES 3-8 PS1.A&B,  
ESS2.A&C

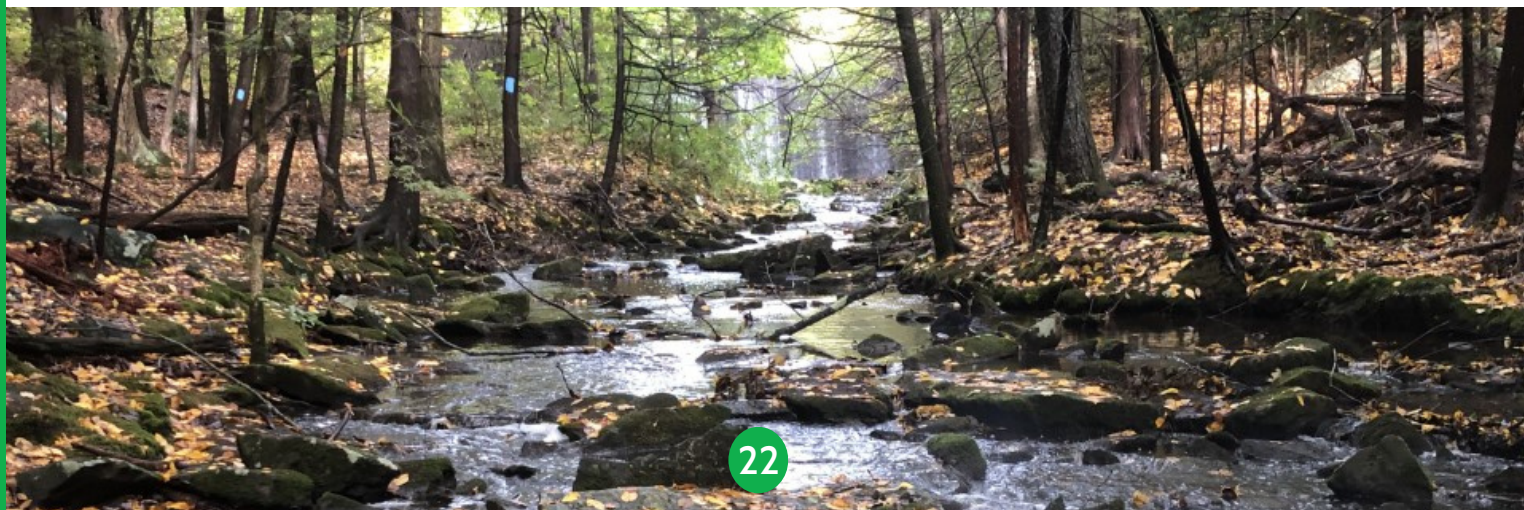
Examine the hydrologic cycle and learn how water shapes our land, modifies climate, and affects ecosystems.

## **WATER LIFE, BIG AND SMALL**

GRADES 3-8 LS1.A, LS4.C

Use a variety of tools, including microscopes and hand lenses, to discover micro and macro-organisms found in local streams and ponds. Discover their adaptations and what makes CT's aquatic habitats special.

**All Field trips can be done as Two Hour Field Trips or combined for an All Day Field Trip experience.**



# OUTREACH PROGRAMS

Let us bring the Nature Center to you with our in-person or virtual outreach programs. These 45-minute programs are perfect for classroom enrichment, afterschool programs, youth groups, assemblies, and more!

## CLASSROOM PROGRAMS

### IT'S NOT JUST DIRT

GRADES K-2 ESS2.C, ESS3.A

What is soil and why is it so important to our survival?

### HOME SWEET HOME: HABITATS

GRADES K-2 ESS3.A, LS2.A&B

Find out how local wildlife uses natural resources to meet survival needs.

### CONNECTICUT ROCKS!

GRADES 2-8 ESS1.C, ESS2.B&C

Every rock tells a story. Connecticut's rocks can tell us how Connecticut's landforms came to be.

### ANIMALS ON THE MOVE

GRADES K-2 LS1.A, LS2.A

All living things move, but they all move in different ways. Find out about fins, wings, and animal movements!

### SURVIVAL: PLANTS & ANIMALS

GRADES K-8 LS4.B/C

How do plants and animals survive in various habitats?

### NATIVE AMERICANS OF THE EASTERN WOODLANDS

GRADES K-8 LS4.D

Discover how Native Americans relied on their natural environment for all their survival needs including shelter, clothing, and food.

### ANIMAL & PLANT LIFECYCLES

GRADES K-8 LS1.B, LS3.A&B

Plants and animals have unique and diverse life cycles. Choose our general life cycle program or a topic from the list below:

- Insects and Their Relatives
- Birds and Butterflies
- Reptiles & Amphibians
- Marvelous Mammals
- From Seed to Seed

### FROM SEED TO SEED

FALL & SPRING ONLY

GRADES K-2 LS1.A&C, LS2.A

Explore how flowering plants change throughout their life cycles in order to survive.

### NATURE'S ENGINEERS

GRADES K-8 ESS2.E, ESS3.A&C

Animal engineers build structures to help them raise their young, survive the winter, store food, or escape predators.

Learn how some animals change their environment and what we can learn from them.

### FOOD CHAINS AND WEBS

GRADES K-8 LS1.C, LS2.A&B

Explore the interrelationships of all living things.

# OUTREACH PROGRAMS

## ANIMAL SUPER SENSES

GRADES K-8 LS1.A&D

Animals have body parts that capture and convey information needed for their growth and survival. How do animals perceive the world? Discover animals' super senses and their odd ones, too!

## ADAPTATIONS

GRADES K-8 LS1.A, LS4.B&C

Choose our general adaptations program or a topic from the list below:

- Flowers, Poisons and Thorns
- Predator and Prey
- Claws, Paws & Jaws
- Going, Going, Gone
- Alien Invaders!
- Species specific programs tailored to your students interests (e.g. reptiles, birds)

## THE AMAZING SOIL FOOD WEB

GRADES 3-8 PS3.D, LS1.C, LS2.A&B

Soil is the connection between the Earth's geology and its biology. Learn how energy cycles through soils and, in turn, through ecosystems.

## SHAPING THE EARTH

GRADES 3-8 ESS2.C&E, ESS3.A, B&C

The Earth is constantly being shaped by a variety of forces - weather, wind, gravity, gradual and catastrophic geological processes, as well as by plants and animals. This program provides an introductory/summary overview of these processes.

## INVISIBLE WORLD

GRADES 3-8 LS1.A

Open your eyes to a world of life too small to be seen without the help of a microscope.

## THE SECRET WORLD OF PLANTS

GRADES 3-8 LS1.A, LS2.A

Plants are not defenseless. Learn the clever strategies that plants use to win, or sometimes lose, in the battle for survival.

## KEEPING WATER CLEAN

GRADES 3-8 ESS3.C

Human activities in agriculture, industry, and everyday life have had major effects on our water resources. Today, individuals and communities are doing things to help protect Earth's resources and environments. This program uses Enviroscape models to demonstrate how to prevent pollution.

## CHANGING LAND, CHANGING WILDLIFE

GRADES 3-8 ESS2.E, ESS3.C, LS2.C, LS4.D

As Connecticut's ecosystems have changed over time, so has the state's wildlife. Learn how natural phenomena and human activities have impacted animal populations.

## OUR WATERY WORLD: EARTH'S WATER CYCLE

GRADES 3-8 ESS2.A&C, PS1.A&B

Examine the hydrologic cycle and learn how water shapes our land, modifies climate and affects ecosystems.

# ASSEMBLY PROGRAMS

Our assembly programs are a great way to reach a large numbers of students to introduce a new topic, enrich current curriculum, or celebrate a learning milestone. All assemblies can be done in person or virtually.

## ANIMAL & PLANT LIFECYCLES

GRADES K-8 LS1.B, LS3.A&B

Plants and animals have unique and diverse life cycles. Choose our general life cycle program or a topic from the list below:

- Insects and Their Relatives
- Birds and Butterflies
- Reptiles & Amphibians
- Marvelous Mammals
- From Seed to Seed

## REPTILES AND AMPHIBIANS

GRADES K-8 LS1.B&D, LS4.A

Reptiles and amphibians have unique adaptations. Which species live in Connecticut? What environmental threats do these species face?

## SNAKES ALIVE!

GRADES K-8 LS1.B&D, LS4.A

Separate fact from fiction and learn to appreciate these fascinating creatures.

## ADAPTATIONS

GRADES K-8 LS1.A, LS4.B&C

Choose our general adaptations program or a topic from the list below:

- Flowers, Poisons and Thorns
- Predator and Prey
- Claws, Paws & Jaws
- Going, Going, Gone
- Alien Invaders!
- Species specific programs tailored to your students interests (e.g. reptiles, birds)

## ENDANGERED SPECIES

GRADES 3-8 LS1.A, LS2.B, LS3.A, LS4.A&C

What is an endangered species? Do they live in Connecticut? Why are they endangered?

## CHANGING LAND, CHANGING WILDLIFE

GRADES 3-8 ESS2.E, ESS3.C, LS2.C, LS4.D

As Connecticut's ecosystems have changed over time, so has the state's wildlife. Learn how natural phenomena and human activities have impacted animal populations.

## CT WILDLIFE DIGEST

GRADES 3-8 LS1.C, LS2.A&B, LS3.B, LS4.A&D

Learn about the diversity of wildlife in our small state and how human activity can impact that diversity.



# EARLY CHILDHOOD PROGRAMS

Our early childhood programs are specifically developed for children ages 3-5 and aligned with the Connecticut Early Learning and Development Standards. Nurture young minds with nature in any of these field trip or outreach programs.

## IT'S ALIVE

SCIENCE, SOCIAL STUDIES, COGNITION

Examine differences between living things and non-living things through hands-on discovery and observation of live plants and animals.

## ALL IN THE FAMILY

SCIENCE, SOCIAL STUDIES, COGNITION

Through an interactive show with live animals, learn how animal families are similar and how they differ.

## FROM SEED TO SEED

SCIENCE, SOCIAL STUDIES, COGNITION

What is a stem, branch, root? What is a seed and what goes on inside it?

## POLLINATION

SCIENCE, SOCIAL STUDIES, COGNITION

What is pollination and who are the pollinators?

## OUR WATERY WORLD

SCIENCE, SOCIAL STUDIES, COGNITION

Water is amazing! Learn about all the fascinating forms it comes in.

## ANIMALS ON THE MOVE

SCIENCE, SOCIAL STUDIES, COGNITION

Living things move in many different ways. Find out about fins, wings, and animal movements!

## LITTLE SPROUTS- CHANGING SEASONS

SCIENCE, SOCIAL STUDIES, COGNITION

How do plants and animals deal with the changing seasons? Choose an individual seasonal program or create a series with all three!

- What's Up with Fall?
- Frozen
- Spring Picnic



# SPECIAL OPPORTUNITIES

What else can Roaring Brook Nature Center bring to your school? The Nature Center team is always happy to work with you to create an experience just for you. Contact the Nature Center at 860-693-0263 or [rbnc@thechildrensmuseumct.org](mailto:rbnc@thechildrensmuseumct.org) for additional information on these programs.

## THE TRAVELING NATURALIST

Have a Roaring Brook naturalist use their expertise to bring the outdoors into your classroom and incorporate the natural areas surrounding your school into your curriculum. The Traveling Naturalist program is completely customizable to your learning goals, location, and budget. We will work to put together a comprehensive place-based package, including in-person or virtual enrichment programming, curriculum development, staff training, and field experiences.

## PROFESSIONAL DEVELOPMENT

Let's face it- Science and outdoor education is not everyone's specialty. However, it is ours! Have a naturalist from the Nature Center visit your school to work with staff to develop and integrate grade-level science curriculum. Visiting naturalists can also show teachers how to best utilize school grounds to complement the lesson plans in the classroom.



# NEXT GENERATION SCIENCE STANDARDS

Programs	Grade	Earth Sciences			Physical Sciences				Life Sciences				Engineering
		ESS1	ESS2	ESS3	PS1	PS2	PS3	PS4	LS1	LS2	LS3	LS4	ETS1
RBNC Field Trips													
It's Alive	K-2								X				
All in the Family	K-2										X		
From Seed to Seed	K-2								X	X			
It's Not Just Dirt	K-2		X	X									
Who's for Dinner?	K-8								X	X			
Home Sweet Home: Habitats	K-2			X						X			
Animals on the Move	K-2								X	X			
Insects and their Relatives	K-2		X						X		X		
Nature's Engineers	K-8		X	X									
Adaptations	K-8								X			X	
Animals & Plant Lifecycles	K-8								X		X		
The Buzz on Pollination	K-3		X						X				
Animal Super Senses	K-8								X				
Changing Land, Changing Wildlife	3-8		X	X						X		X	
Native Americans of the Eastern Woodlands	K-8											X	

# NEXT GENERATION SCIENCE STANDARDS

Programs	Grade	Earth Sciences			Physical Sciences				Life Sciences				Engineering
		ESS1	ESS2	ESS3	PS1	PS2	PS3	PS4	LS1	LS2	LS3	LS4	ETS1
RBNC Field Trips													
Changing Seasons	K-2		X										
The Amazing Soil Food Web	3-8						X		X	X			
Connecticut Rocks!	2-8	X	X										
Keeping Water Clean	3-8			X									
Our Watery World	3-8		X		X								
Bedrock to Stone Walls	3-8		X										
Survival Skills	5-8		X	X									
Water Life, Big and Small	3-8								X			X	
<b>Classroom Outreach</b>													
It's Not Just Dirt	K-2		X	X									
Home Sweet Home: Habitats	K-2			X						X			
Connecticut Rocks!	2-8	X	X										
Animals on the Move	K-2								X	X			
Survival: Plants & Animals	K-8											X	
Native Americans of the Eastern Woodlands	K-8											X	
Animals & Plant Lifecycles	K-8								X		X		
From Seed to Seed	K-2								X	X			

# NEXT GENERATION SCIENCE STANDARDS

Programs	Grade	Earth Sciences			Physical Sciences				Life Sciences				Engineering
		ESS1	ESS2	ESS3	PS1	PS2	PS3	PS4	LS1	LS2	LS3	LS4	ETS1
<b>Classroom Outreach</b>													
Nature's Engineers	K-8		X	X									
Food Chains and Webs	K-8								X	X			
Animal Super Senses	K-8								X				
Adaptations	K-8								X			X	
The Amazing Soil Food Web	3-8						X		X	X			
Shaping the Earth	3-8		X	X									
Invisible World	3-8								X				
The Secret World of Plants	3-8								X	X			
Keeping Water Clean	3-8			X									
Changing Land, Changing Wildlife	3-8		X	X						X		X	
Our Watery World	3-8		X		X								
<b>Assemblies</b>													
Animals & Plant Lifecycles	K-8								X		X		
Reptiles & Amphibians	K-8								X			X	
Snakes Alive!	K-8								X			X	
Adaptations	K-8								X			X	
Endangered Species	3-8								X	X	X	X	
Changing Land, Changing Wildlife	3-8		X	X						X		X	
CT Wildlife Digest	3-8								X	X	X	X	