



# 2022-2023 EDUCATOR'S GUIDE

EXPLORE THE SCIENCE OF VIRTUAL REALITY

## REINVENTING REALITY

PRESENTED BY **M&T Bank**

OPENING  
FEBRUARY 4

BOOK YOUR TOUR TODAY!



This project has been made possible in part by a grant from The Brendan Iribe Giving Fund, an advised fund of Silicon Valley Community Foundation.



**Reinventing Reality opens at the Museum February 4, 2023**



***Whether you're looking for an inspiring field trip or interactive in-classroom experience, the Buffalo Museum of Science and Tift Nature Preserve has something to support your students and curriculum. Read on to learn more!***



# Buffalo Museum of Science

COMING THIS SCHOOL YEAR

## Explore the Science of Virtual Reality **Reinventing Reality** Presented by M&T Bank

February 4 – June 18, 2023



*Reinventing Reality* explores the science, creativity, and innovation behind one of the fastest evolving technologies, virtual reality. Collaborating with their classmates, students will investigate how virtual reality works and how it's transforming the way we see and interact with the world.

The exhibition combines STEM concepts with playful interactives to reveal how individual elements of VR work. Visitors see their 3-D bodies mapped out as a colorful cloud of dots, feel the peculiar sensation of being in a virtual body and step into spectacular virtual worlds. Looking into a giant stereoscope viewer, interacting with the latest eye tracking technology and visiting immersive virtual worlds, visitors discover how VR uses—and sometimes fools—our senses to make the virtual world seem real.

*Reinventing Reality* also introduces students to the social impacts of VR. From treating patients to training astronauts and designing cars and new products, the creation of simulated experiences in Virtual Reality impacts almost every industry.

*Reinventing Reality* includes 12 VR Arcade stations where students can create, play, or simply enjoy being in a virtual environment. All the games are displayed on monitors, so non-active players can watch their classmates.

Presented in English and Spanish, *Reinventing Reality* sparks the imagination of kids and teens, encouraging them to pursue careers in science, technology, engineering and math.

### **Reinventing Reality Group Pricing**

*Available for groups of 10 or more when scheduled in advance. Includes Museum admission.*

**Students: \$20 | Required chaperones: \$6 | Additional chaperones/adults: \$14**

*One adult chaperone required for every 10 guests under the age of 18.*

**Call (716) 896-5200 or email [museumreservations@sciencebuff.org](mailto:museumreservations@sciencebuff.org) to book today!**



# Plan Your Visit

## VISIT THE MUSEUM

Join the list of school, preschool, camp and daycare groups that explore our museum offerings every year!

Our state-of-the-art science studios foster hands-on and inquiry-based learning, supporting your STEM curriculum. There's something for everyone!

Want to enhance your students' experiences? Try a museum tour or a hands-on workshop! We can also customize tours or workshops to suit your needs. If you don't see the topics or activities you are looking for, please contact us!

Visit [sciencebuff.org/educators/field-trips](https://sciencebuff.org/educators/field-trips) for a complete list of programs.

## Program Fees (per student)

Group Admission.....	\$14
add Reinventing Reality.....	+\$6
add 1 hour guided tour (Maximum 15 students).....	+\$30
add 30 minute Zygmunt Planetarium Experience (Maximum 20 students).....	+\$80
add Hand-On Workshop (Maximum 20 students).....	+\$80

## Chaperones

We require at least one adult for every 10 students. Teachers and chaperones are admitted free of charge, up to 1 adult for every 10 students. Additional adults are \$14 each. Discounts are not valid for group visits.

## Reservation Adjustment Policy

Final group numbers or changes to your reservation must be provided to the Museum a minimum of 48 hours prior to the scheduled visit.

Groups that arrive with fewer people and fail to provide updated numbers 48 hours in advance will be charged the full total due on their initial reservation or the number of attendees the day of, whichever is higher.

If your program requires an extra supply fee, the number of supplies to be ordered must be finalized three weeks prior to the program. Even if the number of attendants changes, you will still be responsible for the full number of supplies ordered for your program.

## Have an idea for a program for your group that isn't in this guide?

We welcome you to contact our friendly staff at 716.896.5200, [museumreservations@sciencebuff.org](mailto:museumreservations@sciencebuff.org) (BMS) or 716.825.6397, [tiffreservations@sciencebuff.org](mailto:tiffreservations@sciencebuff.org) (Tiff) to discuss a customized program.

## SCIENCE ON WHEELS MUSEUM OUTREACH PROGRAMS

*Pricing and Capacity Guidelines*

### VIRTUAL FIELD TRIPS

\$150 per program. Limit 30 students per program. Programs may take place via Zoom or Microsoft Teams.

### CLASSROOM PROGRAMS

**Pre-K Programs:**

*Limit 20 students. 30-45 minutes.*

**All Other Programs:**

*Limit 30 students. 45-60 minute programs.*

*An additional materials fee may apply to some programs.*

### DAYTIME FEES

\$150 per program. *See student limits above.*

### EVENING FEES

\$180 per program. *See student limits above.*

### ASSEMBLY PROGRAMS

*Limit 300 people. 45-60 minutes.*

### DAYTIME FEES

\$375 per program. *See participant limits above.*

### EVENING/WEEKEND FEES

\$450 per program. *See participant limits above.*

### ZYGMUNT DIGITAL PLANETARIUM

20-30 minute sessions. Limit 20 students and two teachers/chaperones per session.

Large space (25'x25') and high ceilings (12') needed, such as a gym or cafeteria. Requires 45 minutes before and after the program for set up and take down.

Due to the weight of the planetarium's components, set-up locations must be fully accessible by wheeled carts. Please call 716.896.5200 x321 for more details.

### DAYTIME FEES

\$200 per hour,  
minimum 2 hours. *See  
participant limits above.*

### EVENING FEES

\$275 per hour,  
minimum 2 hours. *See  
Participant limits above.*

### SCIENCE FUN FESTIVALS

*Limit 200 people, two hours maximum.  
Includes four facilitated stations.*

### DAYTIME FEES

\$800

### EVENING FEES

\$1000

*An additional materials fee may apply.*



# At The Museum

## WORKSHOPS

*Enrich your field trip with special themed activities with our team of facilitators. Workshops are approximately 45-60 minutes unless otherwise noted.*

### **SUGGESTED GRADES K-2**

#### **DISCOVERING DINOSAURS**

Unearth animals that lived long ago! Participants will examine various fossils from our collections and make connections between extinct creatures and those that live today.

#### **INVESTIGATING INSECTS**

Get up close to some incredible insects! Examine live insects and other critters, observing their anatomy and behavior.

### **SUGGESTED GRADES K-6**

#### **SUPER SOLAR SYSTEM**

Explore our solar system and understand the motions of objects across the sky. Discover different planets and objects in our solar system and understand our place in space.

#### **WEATHER WHYS**

Investigate weather's impact on in the world around us! Through demonstration and experimentation, students will develop an understanding of the basics of weather, including temperature, density, and pressure.

#### **IT'S ELECTRIC**

Explore electricity in a safe and hands-on way! Investigate insulators and conductors, build a circuit with your body, and feel the power of our Van de Graaff static electricity generator.

### **SUGGESTED GRADES 3-8**

#### **DYNAMIC EARTH**

Discover the science and wonder of rocks and minerals. Examine the geologic processes that make up the rock cycle, including plate tectonics, erosion, and more.

### **WILD ADAPTATIONS**

Investigate the adaptations that allow plants and animals to survive in their natural habitats and how changing environments affect living things.

### **REACH FOR THE STARS**

Explore our galaxy near and far! Look into the secret lives of stars, name the constellations, and brush up on your sky watching skills.

### **SUGGESTED GRADES 3-12**

#### **CIVILIZATIONS**

Discover major world civilizations around the world using artifacts they left behind. Compare traditions, beliefs, language, and geography using items from the Museum's collection.

### **SUGGESTED GRADES 7-12**

#### **DISSECTIONS**

Choose from a wide selection of specimens. Investigate body systems and visualize how structure relates to function. Additional lab fees apply depending on specimen chosen. Book a minimum of 4 weeks in advance.

### **SAVE THE GINGERBREAD MAN**

Experiment with various materials to build a device that will help the gingerbread man cross the river safely.

### **SHAKE IT UP!**

Using K'Nex, participants will be challenged to build the tallest tower that can survive a simulated earthquake.

## SCIENCE ON STAGE

*Gather your class in the Museum auditorium for an interactive and engaging program bringing theatre and science together in dynamic ways!*

### **SUGGESTED GRADES K-2**

#### **BUBBLE BLAST**

Explore the science of soap. Students will witness exciting experiments that set the stage for bubble science.

### **SUGGESTED GRADES K-6**

#### **PHYSICAL PHYSICS**

Students gain insight into the laws and properties of matter and energy. Using large scale demonstrations, students develop a better understanding of the world around them.

### **SUGGESTED GRADES K-8**

#### **SCIENCE BELOW ZERO**

Chill out during this super cool liquid nitrogen demonstration! Explore the phases of matter, as well as kinetic energy in amazing ways.

## GUIDED TOURS

*Join our docents on an engaging tour through the Museum's science studios. Guided tours are suitable for all ages and take approximately 45-60 minutes.*

### **ALL GRADE LEVELS**

#### **EVERY OBJECT TELLS A STORY**

Explore the world using pieces from the Museum's array of items and artifacts. During this tour, students will visit our Artifacts, Biodiversity and Rethink Extinct Studios. *This tour can be adapted for sensory needs and for students of all abilities.*

## ZYGMUNT PLANETARIUM

Step into our inflatable, digital Zygmunt Planetarium for a 20-30 minute facilitated experience that will allow your students to explore the night sky like never before. Limited capacity of 20 students and 2 chaperones per session. *\*Also available as an outreach program to your site. See information under Science on Wheels section.*

### **FAMILY STEM ENGAGEMENT NIGHT AT THE BUFFALO MUSEUM OF SCIENCE**

Looking for a truly unique family fun night for your student body and their families? Reserve the entire Museum after hours just for your organization! Base package includes a 3-hour event for up to 200 people with the option to add on additional experiences. Call 716.896.5200 x321 for all the details!

# Outreach to Your Site

## SCIENCE ON WHEELS



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**nationalgrid**



### LET US BRING THE MUSEUM TO YOU.

Can't make it to the Museum? We can visit you!

Our experienced facilitators will bring a unique educational experience right to your school, library, or community center through hands-on Classroom Programs, large-scale Assembly Programs, or exciting Science Fun Festivals.

## SCIENCE FUN FESTIVALS

*See pricing and capacity guidelines on page 5 (Plan Your Visit).*

Science, exploration and discovery come to your school for a day or evening event. Choose four engaging stations. Call 716.896.5200 x321 for more details.

## PLANETARIUM

*See pricing and capacity guidelines on page 5 (Plan Your Visit).*

### ZYGMUNT DIGITAL PLANETARIUM

Show the students the night sky by stepping into our new digital planetarium.

## CLASSROOM OUTREACH PROGRAMS

*See pricing and capacity guidelines on page 5 (Plan Your Visit).*

### SUGGESTED GRADES K-2

#### BUBBLE BLAST

Explore the science of soap. Students will witness exciting experiments that set the stage for bubble science.

#### DIGGING DINOSAURS

What can fossils tell us about dinosaurs? What did they eat? How big were they? Become a paleontologist and examine the fossils of creatures that lived long ago.

#### INSECTIGATION

Get up close to some incredible insects! Examine live insects and other critters, observing their anatomy and behavior.

### SUGGESTED GRADES K-6

#### IT'S ELECTRIC

Explore electricity in a safe and hands-on way! Investigate insulators and conductors, build a circuit with your body, and feel the power of our Van de Graaff static electricity generator. *An available electrical outlet is required for this program.*

### SUPER SCIENTIST

Inspire the inner scientist in your students! Experiment with slimy science, chemical reactions, and more in this hands-on program. An available sink is required for this program. *Material fee required.*

### SUGGESTED GRADES K-6

#### SCIENCE BELOW ZERO

Chill out during this super cool liquid nitrogen demonstration! Explore the phases of matter, as well as kinetic energy in amazing ways. *Material fee required.*

## BOOK YOUR MUSEUM PROGRAM

### ONLINE

Complete our online reservation request form and our Group Sales Coordinator will contact you.

### PHONE

Call 716.896.5200 x321 to schedule your or group's reservation.

### EMAIL

Contact our Group Sales Coordinator at [museumreservations@sciencebuff.org](mailto:museumreservations@sciencebuff.org).





## VIRTUAL FIELD TRIPS

*Bring the wonder and excitement of the Buffalo Museum of Science to your classroom - virtually! Our experienced facilitators will bring a unique educational experience and scientific expertise to your students.*

### ARTIFACTS

Explore cultures around the world through the Museum's education collection. Students will compare civilizations' traditions, beliefs and geography through our *Artifacts* science studio.

### BIODIVERSITY

From the Arctic to tropical rainforests, discover ecosystems from around the world using biofacts from the Museum's collection.

### DINOSAURS AND MORE

What can fossils tell us about dinosaurs? What did they eat? How big were they? Explore our exhibit, *Rethink Extinct*, and examine the fossils of creatures that lived long ago.

### INSECTIGATION

Get up close to some incredible insects! In our *Bug Works* science studio, examine live and preserved insects, observing their anatomy and behavior.

### OUR PLACE IN SPACE

Understand our place in space and how space science can drive our future! Take a trip to Buffalo in Space and explore the stars, planets and surprises above us.

## ASSEMBLY PROGRAMS

*See pricing and capacity guidelines on page 5 (Plan Your Visit).*

### SUGGESTED GRADES K-2

#### BUBBLE BLAST

Explore the science of soap. Students will witness exciting experiments that set the stage for bubble science.

### SUGGESTED GRADES K-6

#### PHYSICAL PHYSICS

Students gain insight into the laws and properties of matter and energy. Using large scale demonstrations, students develop a better understanding of the world around them.

### SUGGESTED GRADES K-8

#### SCIENCE BELOW ZERO

Chill out during this super cool liquid nitrogen demonstration! Explore the phases of matter, as well as kinetic energy in amazing ways.

## EXPLORATORY ENRICHMENT PACKAGE PROGRAMMING

*Our Exploratory Enrichment offering is a package of programming offered to school districts through BOCES Exploratory Enrichment service (although it may be booked by any school regardless of participation in the BOCES Exploratory Enrichment Service.) This package includes a workshop at the Museum, a workshop at Tifft Nature Preserve and an outreach to your school.*

**PACKAGE PRICE:** \$1,000 per class, plus roundtrip mileage. Limit 20 students per class.

### AT TIFFT NATURE PRESERVE:

#### SIGNS OF OUR CHANGING CLIMATE WORKSHOP

Investigate how real evidence of climate change can be witnessed in the local nature around us on a guided tour of the Preserve. Inside the Center, students will compare the impacts of energy sources on our changing climate and explore how sustainable solutions can minimize our carbon footprint. *\*Can also be booked as a stand-alone workshop*

### AT BUFFALO MUSEUM OF SCIENCE:

#### HOW THE GREENHOUSE EFFECT AFFECTS US? WORKSHOP

Through experiments and demonstrations, students will learn about all the gases in our atmosphere and how they affect the weather and climate around us. We will further examine which gases are considered greenhouse gases and evaluate the role these gases have in global climate change. *\*Can also be booked as a stand-alone workshop*

### OUTREACH TO YOUR SCHOOL

#### BUILDING AN ENERGY EFFICIENT HOME PROJECT

During this classroom outreach, students will creatively put into practice everything they learned during their Museum and Tifft workshops in order to design and build a home that shows elements of energy efficiency. Students will share out what elements they incorporated and explain how their home model will help reduce greenhouse gas emissions and combat climate change.





A group of approximately eight children and one adult are gathered on the muddy bank of a pond. The children, of various ages, are looking down at the water or the ground. One child is crouched in the water, while others stand nearby. An adult is also crouched, looking at the ground. The pond is surrounded by lush green trees and vegetation. The water is calm, reflecting the surrounding greenery. The scene is set in a natural, wooded area.

## THINK OF TIFFT AS A PART OF YOUR CLASSROOM.

Tifft Nature Preserve has been engaging students of all ages and communities for decades, serving as the region's premier environmental education site in the highly accessible Buffalo area.

Groups are immersed in a natural environmental setting like no other while being guided along trails through woodlands, wetlands, and boardwalks or enjoying a hands-on lesson in our multi-classroom Darling Environmental Education Center.

*Value Nature Wisdom* at Tifft Nature Preserve



# Tifft Nature Preserve

## Pricing & Capacity Guidelines

*Due to the interactive nature of our programs and to ensure the best possible quality experience, we ask that you respect our class size limits. Additional fees may apply for groups that exceed limits.*

### VIRTUAL PROGRAMS

Limit 30 students. 45 minutes - 1 hour.

#### FEES

\$125 for first classroom. \$100 per additional program on the same topic and day.

*If student count limits are exceeded, an additional fee of \$100 will be added.*

### TIFFT OUTREACH

Pre-K Programs: Limit 20 students. 30 - 45 min.

All Other Programs: Limit 30 students. 45 min. - 1 hour.

#### DAYTIME FEES

\$150 for first classroom. \$130 per additional program on the same topic and day.

#### EVENING FEES

\$180 for first classroom. \$160 per additional program on the same topic and day.

*If student count limits are exceeded, an additional fee of \$130 (daytime program) or \$160 (evening/weekend program) will be added. Additional mileage fee will be added for round trip travel.*

### DISCOVERY VISITS

Advance registration required for groups of 10 or more. We reserve the right to turn away self-guided groups that do not make a reservation as they may interfere with other scheduled programming.

#### FEES

\$3 per person.

### GUIDED TOURS

Maximum 60 students. Minimum 10 students. One adult required for every 10 students. Adults in 1:10 ratio and required aides are free. Pre-K & K Tours approx. 1 hour. All other grades approx. 1-1.5 hours.

#### FEES

\$9 per student & \$9 per additional adult (July - March). \$11 per student & \$11 per additional adult during peak season (April - June).

### WORKSHOPS

Maximum 60 students. Minimum 10 students. One adult required for every 10 students. Adults in 1:10 ratio and required aides are free.

Pre-K & K workshops: 2 - 2.5 hours.

All other grade level workshops: 2.5 - 3 hours.

#### FEES

\$12 per student & \$9 per additional adult (September - March). \$14 per student & \$11 per additional adult during peak season (April - June).

## Schedule Your Tifft Program

### ONLINE

Complete our online reservation request form at [tifft.org/educators/program-request](http://tifft.org/educators/program-request) and Tifft will contact you.


### PHONE

Call 716.825.6397 to schedule your group's reservation.

### EMAIL

Contact Tifft Nature Preserve at [tifftreservations@sciencebuff.org](mailto:tifftreservations@sciencebuff.org).

*Book early! We recommend placing requests at least one month in advance.*



Painted Turtles are just one of the many diverse wildlife species that call Tifft Nature Preserve home.

# Tifft Nature Preserve

## WORKSHOPS

*In-depth science activities give students hands-on experiences both indoors and outdoors. Workshops include interactive activities as well as a guided tour of the Preserve. Indoor activity alternatives to the tour may be offered in the event of inclement weather. Workshop content is adjusted to suit different grade levels. See pricing and capacity guidelines on page 9 (Tifft).*

### WHAT'S THE NICHE?

**GRADES PRE-K - 2 | SEPTEMBER - JUNE**

Investigate real animal homes and various habitats of Tifft. Through hands-on explorations and a guided tour, students discuss interdependent relationships between animals and plants while working together to match animals to their proper habitats and construct animal homes from natural materials.

### SEEDS & NEEDS

**GRADES PRE-K - 2 | SEPTEMBER - JUNE**

Explore the needs of seeds, plant parts and species diversity. Through hands-on activities and a guided tour, students investigate the shape and function of real plant seeds, create an imaginary seed designed for dispersal and plant seeds in pots to take back for observation.

### WINTER SCIENCE

**GRADES 3 - 12 | DECEMBER - FEBRUARY**

Compare winter animal survival adaptations. Students will use weather monitoring instruments, conduct an experiment, and search for evidence of animal survival on an outdoor hike. Indoor activity alternatives to the tour may be offered in the event of inclement weather. Snowshoeing may be requested (\$2 per person), weather permitting.

### ECOSYSTEMS & ADAPTATIONS

**GRADES 3 - 12 | SEPTEMBER - JUNE**

Compare and contrast the diversity of ecosystems that make up Tifft while on a guided tour of the Preserve. Inside, students will examine bird biofacts to learn about adaptations up close and work in groups to design their own imaginary species

### AQUATIC ECOLOGY

**GRADES 3 - 12 | APRIL - OCTOBER**

Discover our essential connection to water and water habitats of the Great Lakes region. Through hands-on water quality testing and macroinvertebrate sampling, students will discuss watersheds, aquatic biodiversity and human impact. To include fishing, add \$2 per student. This program is ideal for older students interested in an immersive study of the Great Lakes region.

### TIFFT THROUGH TIME

**GRADES 3 - 12 | SEPTEMBER - JUNE**

Embark on a journey through Buffalo's past to present through indoor hands-on exploration and a guided tour. Explore early settlement, industrial heritage, and the environmental movement that inspired the Preserve's creation by investigating maps, artifacts, and current invasive species and conservation issues.

### WILDERNESS SURVIVAL

**GRADES 4 - 12 | SEPTEMBER - JUNE**

Discuss survival needs and venture on a guided journey indoors and outdoors in search of shelter, water, food, and fire building materials. Students can implement team-building skills while constructing a survival shelter, as well as learn knot-tying, the importance of fire and wayfinding techniques.

## GUIDED TOURS

*Explore the outdoors with a knowledgeable facilitator on a guided tour of Tifft Nature Preserve. These tours support learning standards and enhance science curricula for all grade levels through inquiry based outdoor learning experiences. College student and adult tours available. Indoor activity alternatives may be offered in the event of inclement weather.*

### CUSTOM TOUR

*Seasonal availability dependent on topic*

Have a unit of study approaching and there isn't a tour or workshop in our offerings that fits that topic? Let us help you customize your visit to make the most of your time at Tifft. Content is adjusted to suit each grade level. Specific content may be requested. Some topics may also be available as a workshop, upon request. *Topics include: Biodiversity, Birds, Classification, Conservation, Food Webs, Invasive Species, Nature Journaling, and Trees & Plants.*

### ANIMAL HOMES & HABITATS

**ALL GRADE LEVELS | YEAR ROUND**

Learn how local animals adapt to their preferred environments.

### EXPLORING NATURE

**ALL GRADE LEVELS | MARCH - NOVEMBER**

Venture on a sensory-based journey to actively investigate the Preserve's seasonal characteristics.

### LIFE CYCLES

**ALL GRADE LEVELS | MAY - AUGUST**

Explore the Preserve in search of real animal and plant life cycles in action.

### NATURE IN WINTER

**ALL GRADE LEVELS | DECEMBER - MARCH**

Discover how plants and animals adapt to our region's winter conditions. Snowshoes may be requested (\$2 per person), weather permitting.



# Tifft Nature Preserve

## OUTREACH TO YOUR SITE

*Can't come to Tifft? These hands-on programs will bring items from the Buffalo Museum of Science and Tifft Nature Preserve's education collection to your students for a learning experience like no other. Choose from a variety of topics to support your desired curriculum. Select programs can be facilitated indoors or outdoors in your schoolyard.*

### **NEW! SCIENCE IN THE SCHOOLYARD | ALL GRADES**

Nature isn't just at nature preserves and deep wilderness areas—it's all around us! Engage your students in STEAM activities to discover nature right in your schoolyard. Select a theme depending on the season and features of your schoolyard or neighborhood: Nature Journaling | year-round Math in Nature | year-round • Bug-ology | May – September

### **NATURE DETECTIVES | GRADES PRE-K - 5**

Put on a detective hat and use sight, smell, hearing, and touch to investigate real clues left behind by different local animals. Students will learn lessons in habitats, adaptations and food webs.

### **ANIMAL ARCHITECTURE | GRADES 1 - 5**

Investigate real animal shelters such as bird and insect nests, small burrows and plant galls from the Tifft Education Collection. Students can work in teams to create their own small shelter in the classroom from natural materials, investigate the importance of shelters in various habitats, and the adaptations of the animals that made them.

### **MEASURING MAMMALS | GRADES 4 - 8**

Use measurement, observations and inquiry to explore real furs, skulls and mammalian characteristics of local species. Through this hands-on process, students will compare features and adaptations of carnivores, omnivores and herbivores.

### **ENERGY EXPLORATIONS | GRADES 5 - 8**

Understand why energy is vital to the world and all the people who live in it. Students will investigate what energy is and how we all use energy, plus explore renewable and non-renewable resources and the impacts of energy-related choices.

## DISCOVERY VISITS

*Choose a Discovery Visit for an unstructured, self-guided tour and discover Tifft Nature Preserve at your own pace! With 264 acres to explore, you and your group will be amazed by the abundant flora and fauna that you'll discover. Nature scavenger hunt and lunch space available upon request.*

### **DISCOVERY VISIT PRICING & INFORMATION**

\$3 per person. Advance registration required for groups of 10 or more. We reserve the right to turn away self-guided groups that do not make a reservation as they may interfere with other programming.

## VIRTUAL PROGRAMS

Our knowledgeable facilitators will meet your students on your preferred virtual meeting platform to bring the outdoors and STEM into your classroom. Topics are suited for all grade levels as pre-recorded and live content will be aligned with the grade level of students.

### **VIRTUAL FIELD TRIPS**

#### **ALL GRADE LEVELS | YEAR ROUND**

A one-hour virtual experience including 20 minutes of pre-recorded narrated video of Tifft Nature Preserve's seasonal phenomenon followed by a live, facilitated science lesson. This lesson is customizable to fit your group's needs.

**Choose a season and customizable theme from the suggestions below:**

**WINTER:** a.) Adaptations b.) Birds in Winter  
c.) Tracks & Scats d.) Tree Identification

**SPRING:** a.) Adaptations b.) Aquatic Connections  
c.) Conservation & Biodiversity  
d.) Food Webs

### **VIRTUAL STEM LESSONS**

#### **ALL GRADE LEVELS | YEAR ROUND**

A 45 minute live, virtually-facilitated STEM lesson which includes live demonstrations and interactive investigations, highlighting local natural phenomena.

**Choose one of the following themes or discuss a customizable program to suit your needs:**

a.) Animal Classification  
b.) Nature Journaling  
c.) Water Science  
d.) Weather & Seasons

## Schedule Your Tifft Program

### **ONLINE**

Complete our online reservation request form and our Group Sales Coordinator will contact you.

### **PHONE**

Call 716.825.6397 to schedule your school program. Office hours are Monday - Friday, 8:30 a.m. - 4:30 p.m.

### **EMAIL**

Contact our Group Sales Coordinator at [tifftreservations@sciencebuff.org](mailto:tifftreservations@sciencebuff.org).

*Book early! We recommend placing requests at least one month in advance.*



**FIND  
WHY.**



Valuing Nature's Wisdom



*The programs of the Buffalo Society of Natural Sciences are supported in part by public funds from the County of Erie; City of Buffalo; New York State Office of Parks, Recreation and Historic Preservation; and our members and friends.*

## Buffalo Museum of Science

1020 Humboldt Pkwy  
Buffalo, NY 14211  
[sciencebuff.org](http://sciencebuff.org)

**PHONE** 716.896.5200

**TOLL FREE** 866.291.6660

### Museum Hours

Monday - Sunday

10:00 a.m. - 4:00 p.m.

## Tifft Nature Preserve

1200 Fuhrmann Blvd  
Buffalo, NY 14203  
[tifft.org](http://tifft.org)

**PHONE** 716.825.6397

### Education Center Hours

Wednesday - Sunday 10 a.m. - 4 p.m.

*Also available Monday and Tuesday for group reservations and private rentals.*

### Trail Hours

Open daily from dawn until dusk

*Call 716.896.5200 to request a physical copy of the guide*

## FOLLOW US...



@BuffaloMuseumofScience  
@TifftNaturePreserve



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