

OUTDOOR EDUCATION AT Samuell Farm

About us:

Samuell Farm is operated by the City of Dallas Park and Recreation Department. Located in Mesquite, this 400+ acre farm is the perfect destination for outdoor education. Our 45 minute sessions are geared toward the four disciplines of STEM. By focusing on science, technology, engineering, and mathematics in the outdoors, we are able to offer a unique way to learn outside of the traditional classroom.

Students - \$12 | Teachers - Free for every 10 students | Additional Adults - \$10

FORCES OF NATURE: 4TH-8TH GRADE

1. Greengineering
2. Sustainable Energy
3. Water Cycles
4. Weather Systems

INTO THE WILD: 6TH-8TH GRADE

1. Animal Adaptations
2. Owl Studies
3. Predator & Prey
4. Wilderness Survival

NATURALLY CREATIVE: 2ND-8TH GRADE

1. Nature Photography
2. Nature Writing
3. Nature Crafts
4. Sounds of Nature

OBSERVER'S OVERLOOK: 6TH-8TH GRADE

1. Astronomy
2. Geocaching
3. Geology
4. Soil Studies

JUST ADD WATER: 4TH-8TH GRADE

1. Aquatic Habitats
2. Fishing
3. Pond Ecology
4. Water Conservation

CHOOSE YOUR ADVENTURE: GRADES VARY

Select four sessions you see fit for your classroom. See the next page for a list of sessions descriptions

Schedule:

9:00am-9:30am -- Guidelines for Fun

9:45am-10:30 -- Session 1

10:45am-11:30 --Session 2

11:45am-12:45pm -- Lunch

1:00pm-1:45pm -- Session 3

2:00pm-2:45pm -- Session 4

3:00pm -- Departure

***schedule includes transition time**



Dallas Park & Recreation
Bringing Communities Together

INTERESTED IN BOOKING?

CALL: 214-671-2267

EMAIL: MICHAEL.NELMS@DALLAS.GOV

Session Descriptions:



- **Animal Adaptations | 4th-8th grade**
 - See how animals have adapted over time in order to survive in their environments
- **Aquatic Habitats | 4th-8th grade**
 - Learn about the aspects needed for an aquatic ecosystem to function and thrive
- **Astronomy | 6th-8th grade**
 - This session will teach you how and why the night sky was an important tool to our ancestors
- **Fishing | 4th-8th grade**
 - There's no better way to learn about water and fish than to try this hobby/sport out for yourself
- **Geocaching | 4th-8th grade**
 - Learn how to navigate using a GPS and find treasures hidden around Samuell Farm
- **Geology | 6th-8th grade**
 - Rocks are all around us--learn how to tell key information by what you can see within them
- **Greengineering | 4th-8th grade**
 - Go green and explore how we can use the wind to help us in our daily lives
- **Pond Ecology | 2nd-8th grade**
 - This lesson will go into the inner workings of a pond's ecosystem and what happens over time
- **Nature Crafts | 2nd-8th grade**
 - Get creative by using only things found in nature to create unique works of art
- **Nature Photography | 2nd-8th grade**
 - Learn how to take photos without a smart phone and even take home a copy of your best shot
- **Nature Writing | 2nd-8th grade**
 - Let's explore the writers who chose nature as their inspiration and create works of your own
- **Owl Studies | 6th-8th grade**
 - Explore owls and what they eat to survive with an introduction to dissection
- **Predator & Prey | 4th-8th grade**
 - Get to know the interactions of one of nature's most interesting and wild survival chains
- **Soil Studies | 6th-8th grade**
 - Get your hands dirty while you learn about what's beneath your feet
- **Sounds of Nature | 2th-8th grade**
 - Learn how to make the music with nature in this session on sounds found outdoors
- **Sustainable Energy | 4th-8th grade**
 - See how the sun provides a constant and reliable source of renewable energy everyday
- **Team Building | 2nd-8th grade**
 - Your class will figure out how to work as a team by combining efforts to achieve a common goal
- **Water Conservation | 4th-8th grade**
 - We all use water so let's find out how much you can save by reducing, reusing, and recycling
- **Water Cycles | 4th-8th grade**
 - See the effects of the water cycle in action by exploring one of Earth's most vital interactions
- **Weather Systems | 4th-8th grade**
 - Learn how weather systems coincide with the world and our daily lives
- **Wilderness Survival | 6th-8th grade**
 - Explore how to survive with limited resources through this hands on session

We can't wait to explore with you!



Outdoor Education at Samuell Farm

School _____

Grade _____

Teacher Name _____

School Address _____

City/State/Zip _____

Email _____

Date Requested _____ Alternative Date _____

of Students _____ # of Teachers _____

of Chaperones _____

Session Package Selection (Circle One)

Forces of Nature

- 1. Greengineering
- 2. Sustainable Energy
- 3. Water Cycles
- 4. Weather Systems

4th-8th grade

Naturally Creative

- 1. Nature Photography
- 2. Nature Writing
- 3. Nature Crafts
- 4. Sounds of Nature

2nd-8th grade

Just Add Water

- 1. Aquatic Habitats
- 2. Fishing
- 3. Pond Ecology
- 4. Water Conservation

4th-8th grade

Into the Wild

- 1. Animal Adaptations
- 2. Owl Studies
- 3. Predator & Prey
- 4. Wilderness Survival

6th-8th grade

Observer's Overlook

- 1. Astronomy
- 2. Geocaching
- 3. Geology
- 4. Soil Studies

6th-8th grade

-OR-

Choose Your Own Adventure

(Please select from the list of sessions)

Session 1: _____

Session 2: _____

Session 3: _____

Session 4: _____





Outdoor Education at Samuel Farm

Weather and Cancellation Policy:

- Because the programs are facilitated outdoors, depending on the weather forecast we may have a need to cancel the program the day before or the morning of the program.
 - Cancellations due to weather conditions will be made before the end of school on the day before the scheduled trip. A staff member will contact the school in the event of inclement weather via phone or email on the day prior to their scheduled field trip. If the trip is cancelled due to inclement weather, schools will be given the opportunity to reschedule if possible or the deposit will be returned in full.
- In light rain, cold, and sun, scheduled programs continue. Please ensure participants are dressed for the outdoors and bring a water bottle, sun block, bug spray, and wear closed toe shoes and a hat.
- In the case of extreme weather conditions (including but not limited to snow, very cold temperatures, thunderstorms, and heavy rain) Dallas Park and Recreation may cancel or alter the start or end time of the field trip.
- If the school determines the weather is not favorable, please contact us to reschedule. Failure to contact scheduling office will result in a no-show fee. The school's weather policy may be requested.

School Deposit and Cancellation Policy

- A deposit of \$50 must be made by the school upon registration.
- If a school must cancel a scheduled field trip, the school must contact the Manager in writing immediately. If the school cancels the field trip before two weeks prior to the scheduled date of the trip, the \$50 deposit will be returned in full. If the school cancels the field trip during the two weeks prior to the scheduled date, the deposit will not be returned. Schools that cancel field trips within the two weeks prior to their scheduled date will not be eligible for rescheduling their field trip.
- Emergencies: If your school has a medical or other emergency and is unable to attend the field trip, please contact us as soon as possible. No refunds or credits will be given for last minute field trip cancellations.

Final Numbers

- Final numbers must be reported at least 14 days prior to your visit. Each student over the number reported will be charged accordingly. If your final number on the day of your trip is lower than the final number reported, there will not be a refund given for students who do not attend the trip.
- Dallas Park and Recreation will invoice the school within 7 business days of the completion of the field trip.

