

Mr. and Mrs. F. L. Schlagle Library, an Environmental Learning Center



School Programs Guide

Secondary Schools

Mr. and Mrs. F.L. Schlagle Library
4051 West Drive
Kansas City, KS 66109
913-295-8250, x2
www.kckpl.org
flsinfo@kckpl.org



Helpful Information

To Schedule a Program:

Call 913-295-8250x2 and ask to speak with our program scheduler, LuAnn. You may also email her at Lcadden@kckpl.org. Please have the following information ready when you call:

- Program choice
- School name, address, and phone number
- Grade level and number of students
- Preferred date and time with alternates
(in case first choice is not available)
- Any students with special needs

Note: To ensure availability, please call to schedule your program at least **three weeks** prior to the date of your choice.

Prior to your program you will receive an email to confirm your field trip or outreach program. It will be through this email communication that we let you know of any additional information regarding your program.

Weather Accommodations Many of our programs involve outdoor time. If severe weather threatens, staff will be prepared with alternative indoor activities for your program.

Rescheduling of programs can be done pending calendar availability.

Cancellation of a Scheduled Program Should you need to cancel a program you have scheduled, please notify us within 48 hours of your program's date. If the program must be cancelled due to inclement weather, park closing, or staff emergency, we will work diligently to reschedule your program at a later date.

Pre-visit Information:

Arriving on Time is crucial for a successful program. We recommend arriving at least 10 minutes prior to the start of your program for line-up and group assembly.

Dressing for the weather is very important. Since the majority of our programs include an outdoor portion, students and adults should dress for the conditions. Everyone should wear shoes that completely enclose the foot. Please no flip-flops, or sandals.

Name Tags that can be easily read by the staff are encouraged for students and teachers.

Adult to Student Ratio is one adult per every seven students for safety precautions. Please plan to bring extra adults to meet this requirement. We ask that attending adults directly assist with the program to enrich the children's experience. We also ask that the adults answer questions only when called upon and remove themselves from the group if needing to converse with others or to use their phone.

Cell phones Please be sure that all cell phones are silenced prior to arrival.

Cost-Recovery fees will be charged to cover the purchase of supplies that are not normally stocked by the library. These fees will be indicated within the program description.

Shelter Houses can be reserved through the Wyandotte County Parks and Recreation office by calling 913-573-8327. Reservations are free for Wyandotte County schools. Shelters near our facility are shelters 6, 8, and the beach shelter, with shelter 6 being the closest.

Kansas State Standards and Benchmarks are met or exceeded in each program.

Student Behavior and Discipline:

All students are expected to behave as they would in the classroom. If we have a significant problem with one or more students, we reserve the right to have that (or those) child(ren) removed from the program. It is the responsibility of the teachers and adult chaperones to provide control of their group during the entire program. We reserve the right to ask students to leave if they are disrespectful of staff or volunteers or destructive to property or nature.

Program Flexibility:

If you see a program you would like to attend, but is not offered for your grade level, please call the FL Schlagle Library and ask to speak with the program scheduler. We are capable of adapting most programs to fit other grade levels.

Transportation Assistance:

For schools within Wyandotte County, we are able to provide up to \$100 per school, per semester, to assist with the cost of busing. Please ask if funding is still available for your school when scheduling a program. Reimbursement rates may vary depending on the type of field trip.

Important Note to Educators and Parents:

Children have an innate sense of wonder about the natural world that we, as adults, have the responsibility to nurture. We ask that you set aside any personal anxieties and biases regarding snakes, insects, and spiders before, during and after your visit. It is important to us that the children be able to make up their own minds about what is good or not-so-good about the natural world.

Program Information At-A-Glance

Program	Length	Max # Students	Grade Level	Time of Year	Available as Outreach
How Clean is the Water?*	2 hours	60	6th-12th	April-October	No
Science Pioneers	2 hours	40	6th-11th	Year-round	No
Life Under a Microscope	1 or 2 hours	30	6th-11th	Year-round	No
Pangea Puzzle*	2 hours	60	6th-12th	March-October	No
Geotrekking*	2 hours	40	6th-12th	March-October	No
The Key to Trees*	2 hours	30	6th-12th	April-October	No
Nature Journaling with Aldo*	2 hours	30	6th-12th	April-October	No
DNA Dynamics	2 hours	30	10th-12th	Year-round	No
Dissection (Shark or Frog)	2 hours	30	10th-12th	Year-round	No
Scaling the Solar System	1 hour	30	6th-8th	Year-round	No
StarLab Planetarium	1 hour	40	6th-12th	Year-round	No
Archery	1.5-2 hours	30	6th-12th	Year-round	No

*Please note, many of our programs include activities that will be held outdoors, weather permitting. Other activities may be offered in the event of foul weather.



Suggested Programs for Secondary Students

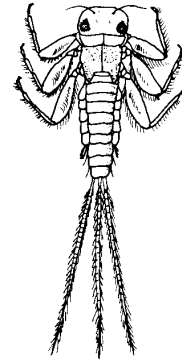
On-site programs are typically two hours in length. Outreach programs are one hour in length. Most on-site programs include an outdoor component.

How Clean is the Water?

Looking at temperature, turbidity, pH, phosphate, nitrate and benthic macroinvertebrates, students will test the water at Wyandotte County Lake for various indicators of water quality.

Time of year: April - October.

Limit 60 students.



Science Pioneers

By participating in hands-on experiments, students will travel through stations to learn about numerous fields of science and the scientists that pioneered them all! Stations may include biologist, geologist, physicist, microbiologist, chemist and/or forensics.

Time of year: Year-round.

Limit 40 students.

Life Under a Microscope

Take a closer look at the diverse world around us through the lens of a microscope! Students will explore the Kingdoms in the scientific world and will use microscopes to draw their observations. They will also learn the process of slide preparation.

Time of year: Year-round.

Limit 30 students.



Pangea Puzzle

Explore the dynamic changes that occur on our planet thanks to the help of plate tectonics. Using continental fossil data, we'll also explore the different ways that earth has changed over time.

Time of year: March - October.

Limit 60 students.



Geotrekking

Students will maneuver their way through an orienteering course with the help of a GPS unit. Then, using information they've gathered on the course, they will work together in a race to solve puzzles and brain teasers

Time of year: March - October.

Limit 40 students.

The Key to Trees

Students will be immersed into the world of dichotomous keys in several activities, then with the use of their new-found skills, will key trees specific to Wyandotte County Lake.

Time of year: April - October.

Limit 30 students.



Nature Journaling with Aldo

Aldo Leopold was a founder of the study of the natural world. As a companion class to Leopold's *A Sand County Almanac*, students will get outside and explore nature and the world around them while making observations in their own nature journal.

Time of year: April - October.

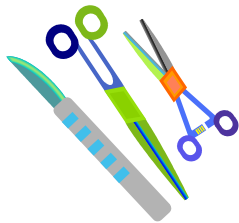
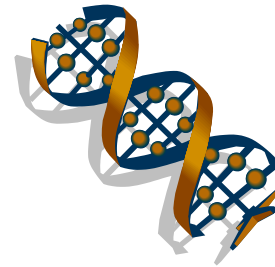
Limit 30 students.

DNA Dynamics

Students will learn the basics of genetics while isolating the DNA of an onion, and will explore the importance of genetic diversity through an activity called "Toothpick Fish."

Time of year: Year-round.

Limit 30 students.



Dissection

Explore the anatomy and physiology of the digestive, excretory, circulatory, and reproductive systems of a shark or frog (your choice). ***This program will require a cost-recovery fee; TBD when program is scheduled.***

Time of year: Year-round.

Limit 30 students.



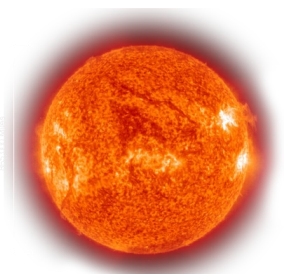
Scaling the Solar System

Available on-site or as an outreach, this program introduces students to scales and models and how they are used to understand and compare the size of and distance between the planets, the moon, and the sun.

On-site field trips will include a one-hour session in the StarLab inflatable planetarium. The StarLab is not available for outreach.

Time of year: Year-round.

Limit 30 students.



Special Programs for Secondary Students

StarLab Planetarium

In our StarLab Planetarium, students are immersed into astronomy by entering into the StarLab inflatable dome to learn about stars, constellations and Greek and Roman mythology. This program is paired perfectly with *Scaling the Solar System* when attended on-site for a two-hour program.

Time of year: Year-round

Limit 40 students.



Archery

This program follows NASP regulations (National Archery in the Schools Program) and teaches students the basics of archery. After students learn range safety, proper archery technique and basic shooting skills, they will practice on our indoor range then participate in some fun archery games!

Time of year: Year-round.

Limit 30 students.



