



## MISSION

*To provide educational enrichment programs*

*that develop and support youth*

*in overcoming barriers to achievement*

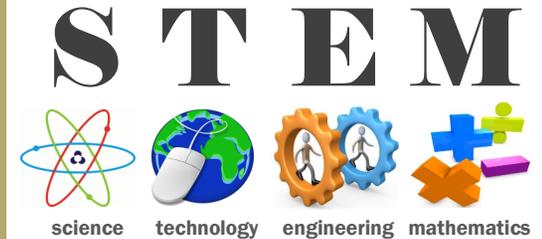
## EDUCATIONAL PROGRAMS

- Whitney M. YOUNG Scholars Program®
- Math & Science Program
- Project BUILD
- Western Library Reading Program
- Portland Library Reading Program
- Educational Opportunity Scholarship



4322 Bishop Lane  
Louisville, KY 40218  
502.585.4733  
[www.lincolnfdn.org](http://www.lincolnfdn.org)

## Math & Science Program



**University of Louisville**  
**College of Arts and Sciences**  
**June 10-21, 2019**  
**Monday - Friday**  
**1:00 p.m. - 5:00 p.m.**

## Program

Lincoln Foundation's Math & Science Program is a two-week summer program designed for high school students in grades 9-12. The Math & Science Program is held in partnership with the University of Louisville College of Arts & Sciences.



*Students canoe along the Ohio River and Beargrass Creek to the MSD pumping station learning about the biodiversity and water quality of our local waterways.*

## Purpose

The goal of the program is to prepare high school students for their upcoming courses in mathematics and science. It also prepares students for college with a focus on research, critical thinking, problem solving, and project design.

## Admission

Students entering into grades 9-12 may apply. Applications are available online at [www.lincolnfdn.org](http://www.lincolnfdn.org) or in the Lincoln Foundation office at 4322 Bishop Lane, Louisville, KY 40218.

The registration fee of \$100 must accompany a completed application. Fee waivers may be considered upon request for students who qualify.



## Curriculum

The interdisciplinary, inquiry-based curriculum engages students in laboratory and field-based learning. The new, updated 2019 Math & Science Program curriculum:

- Includes STEM (Science, Technology, Engineering, and Mathematics) kits for fun, hands-on learning
- Aligns with Kentucky Core Content Standards for mathematics, science, and technology
- Applies mathematics and science skills to the exploration of global issues like biodiversity, water quality, and energy
- Allows multiple opportunities for laboratory and field based experiences/studies
- Utilizes technology to investigate and present sustainable solutions
- Provides students with necessary tools/skills to gather information, conduct scientific investigations, solve problems, and design projects.



*Students utilize STEM kits to build and test bridges.*

## History

The summer Math & Science Program was established in 1978 by Lincoln Foundation in partnership with Jefferson County Public Schools and the University of Louisville College of Arts and Sciences.



*Students explore the ecology of Wilson's Creek at Bernheim Arboretum & Research Forest.*

Dr. Samuel Robinson, President Emeritus, worked in concert with the late Dr. J. Blaine Hudson of UofL to prepare academically talented students for their next levels in math and science.

Teachers are certified in high school mathematics and science.

## Partners

