

Virtual Programs

GRADES 4–12

Bring the Science Center to your students with Virtual Programs. Each program includes an hour-long videoconference session with a Science Center educator, a kit of materials to use during the program, and pre- and post-link activities.

Cost: In-state: \$125.00 per program / Out of State: \$200.00 per program.

Length: 60 minutes.

Note: Maximum 30 students per hour-long session.

Chemistry Roots

Grades 4–8

From soap making to distillation, fried chicken to coal, explore Kentucky's rich heritage of industry through hands-on chemistry.

Living and Working In Space

Grades 4–12

What kind of physical and mental training do astronauts undergo before blastoff? What are the challenges of working and living in space and how do they overcome them? Learn about the International Space Station while training to be an astronaut.

Transmission Tracker

Grades 4–12

Someone in your class has a deadly disease! Watch it spread and follow its path. Use the tools of an epidemiologist to solve the mystery. Investigate how epidemics are spread and learn how to protect yourself.

The Force Is Right

Grades 4–8

Students learn about the physics of building bridges, skyscrapers, houses,

and sculptures as they explore balance, tension, compression, and flexion forces. Then, students use their new engineering skills to build hands-on models and test their structural integrity.

Wave Watch

Grades 4–8

Get ready to catch a wave! Discover the waves around you — light waves, sound waves, water waves, infrared waves, and electromagnetic waves — while exploring the scientific properties of each.

Physics Rules

Grades 4–8

Why do curvy roads have lower speed limits than straight roads? Do rain and ice affect road friction? Discover how Newton's three laws of motion have shaped traffic laws.