2019 - 2020 EDUCATIONAL OPPORTUNITIES AND EVENTS

EINSTEIN EXPRESS

The National Museum of Nuclear Science & History’s Einstein Express Program offers field trip busing assistance to Title 1 public schools in Albuquerque and the surrounding area. The program provides up to two buses (at the same time) per school per year for transportation to and from the National Museum of Nuclear Science & History. Funding for the year is limited, so apply early!

*Applications will be available on the website in late July

Nuclear Science Week is an observance of all things nuclear. It’s also an opportunity for students in grades 6-12 to learn fundamental nuclear science. Each day during the week the museum hosts activities that introduce the concepts and applications of nuclear science.

*Nuclear Science Week
*Applications will be available on the website in early August.

Discover STEM Week

Teachers and students in grades 4-8 are invited to attend Discover STEM, where they participate in STEM focused hands-on activities led by local organizations leading the fields of Science, Technology, Engineering, and Mathematics and the museum’s education staff.

*Applications and more information will be available on the website in November.

Museum Education Partners

AT&T
Sandia Laboratory
Federal Credit Union
The education plan
nuclearmuseum.org
Choose Your Own Ed-Venture (All Grades)
Participate in a variety of hands-on science and history activities selected to match classroom goals and curriculum. Teachers should contact the Education Coordinator to talk about their areas of study and select relevant activities. Sample activities include liquid nitrogen, dry ice, robotics, slime, magnets, Van de Graaff generator, elephant’s toothpaste, Geiger counters, acids and bases, Hovercraft, kid-in-a-bag (air), vacuum chamber, and rockets.

Secrets and Spies (Grades 4-9)
Loose lips sink ships. Will yours? Students exercise their problem solving skills as they assume roles as Los Alamos scientists and spies during the Manhattan Project. Decipher primary sources along with a secret spy mission while experiencing Los Alamos’s wartime security theater.

Get a Half Life (Grades 4-12)
This program provides an introduction to nuclear radiation. Using Geiger counters to measure the radioactivity of common substances and radioactive isotopes, students will discover the difference between the three types of radiation and model methods of reducing radiation exposure.

60 Minutes to Doomsday (Grades 7-12)/60 Minutes to Doomsday Jr. (Grades 4-6)
Time is running out! Prevent the next nuclear disaster before it’s too late... Students will work together in an effort to save the world in this role-playing adventure. By using logical reasoning, ‘intelligence,’ debate, and rhetoric, each nation will present their argument and hopefully they will be able to stop this tragedy.

Isotope Discovery (Grades 10-12)
Students will explore the Periodic Table of Elements, build their understanding of isotopes and the types of radioactive decay, and learn about the relationship between isotopes and the line of stability using an interactive chart of the nuclides.

Guided Tour (Grades 4-12)
Take a tour through the museum as part of your education program with the guidance from our docent and staff experts. Students can learn more about The Manhattan Project, view the airplanes in Heritage Park, learn about nuclear and alternative forms of energy, or enjoy our Atomic Pop Culture section.