National Museum of Nuclear Science & History
2018-2019 EDUCATION PROGRAMS GUIDE

Education Programs

We welcome groups of all ages and sizes! Groups of 10 to 200 students can design a program to suit their needs with the help of our staff. Your program can include, but is not limited to, the activities listed below in Book a Program.

Small group programs (10-59 students) typically last about an hour. Large group programs (60-200 students) typically consist of a variety of 20-minute activity rotations.

*We can also bring science and history programs and activities to you. Contact us at 505-245-2137 x120 or mfullerton@nuclearmuseum.org.

All programs align with the NM Education Standards and the NGSS and may be enhanced with guided or self-guided tours.

Book a Program

Call 505-245-2137, extension 120, or visit www.nuclearmuseum.org and click on "Learn" and "For Teachers."

- ### 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.

- ### 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 6-12)
  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 6-12)
  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.

- ### Split Over the Atom (Grades 9-12)
  Nuclear power may be coming to a town near you. Students will take on the roles of various interested parties in a mock public hearing to debate the possibility of a new nuclear power plant being built in their community. The students will use probability, discussion, and critical reasoning skills to explore if nuclear power is the right choice for their community.

- ### Guided Tour
  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.

Contact our Education Coordinator to reserve your program and tour at 505-245-2137, extension 120, or mfullerton@nuclearmuseum.org.
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