

National Park Service Department of the Interior

Manhattan Project National Historical Park
Oak Ridge, Tennessee



March
2019

Manhattan Project History in March

- In England during March of 1940 physicists Otto Frisch and Rudolph Peierls concluded that as little as one pound of highly enriched uranium is enough for a bomb.
- J. Robert Oppenheimer and other researchers started arriving in Los Alamos, NM in March 1943.
- A modified B-29 began conducting drop tests of dummy atomic bombs at Wendover, UT on March 3, 1944, more than one year before the first atomic test.
- On March 12, 1945 K-25 in Oak Ridge, TN began production of enriched uranium.
- S-50 in Oak Ridge had all 21 racks in operation for the thermal diffusion of uranium by March 15, 1945. This was four years after Philip Abelson began his work at the Naval Research Laboratory in Philadelphia.

We're Seeking Volunteers to Help Maintain a WWII Victory Garden and Native Pollinator Garden.

Volunteers will be asked to assist with the planning, planting, harvesting, and maintaining of the gardens. The gardens will be located at the Children's Museum of Oak Ridge next to the newly relocated Flattop House. If you would like to become a part of the team and help history come alive contact Effie Houston at (423) 569-9778 or by email at effie_houston@nps.gov.

The Department of Energy's 2019 Oak Ridge Facilities Public Bus Tour start on Friday, March 1. Registration can be made in person at the American Museum of Science & Energy or online at www.amse.org.



3rd & 4th graders recently visited X10 and got to photograph the log book entry that documented when the reactor went critical.

We're Partnering with Children's Museum of Oak Ridge (CMOR) and Girl Scouts of USA to Celebrate 76 Years of Girl Scouts in Oak Ridge on Saturday, March 9.

The event begins at 10 am (ET) at CMOR and individual Girl Scouts and/or troops are welcome to participate in peace themed hands-on activities until 2 pm. CMOR admission will be free to any Girl Scout in uniform and their immediate family.

Join Us for a WWII Parks Film Festival on Saturday Afternoon,

March 16 starting at 1 pm (ET) at the American Museum of Science & Energy auditorium. This free event will feature National Park films from a number of NPS sites around the country that commemorate important issues and events from WWII. The festival will conclude with "Beneath the Plains", a film that tells the story of the Minuteman Missile sites that remained on constant alert during the Cold War.

"Before the Secret", Photography Exhibit Continues at the Children's Museum of Oak Ridge Imagination Gallery. The exhibition focuses on life in the Oak Ridge area before the Manhattan Project.

The National Park Service and Oak Ridge History Museum are Hosting "Atomic Integration", a Photography Exhibition focusing on African-American life during the Manhattan Project in Oak Ridge. The exhibit will be open every Friday and Saturday at 102 Robertsville Rd.

**Park Visitor Center Desk
at the
Children's Museum of Oak Ridge
461 W. Outer Drive, Oak Ridge, TN 37830
(865) 482-1942
or visit us at:
www.nps.gov/mapr
[Twitter@MnhtnProjectNPS](https://twitter.com/MnhtnProjectNPS)
www.facebook.com/ManhattanProjectNPS
www.instagram.com/ManhattanProjectNPS**



We appreciate our volunteers!