

# STEM Days at Hoover

**Partners:** Herbert Hoover Presidential Library and Museum, Herbert Hoover National Historic Site, the STEAM Room, University of Iowa Mobile Museum

**Dates:**

September 6 & 22

October 13

April: 7, 20, 27

May: 4, 9, 18, 23

**Schedule:**

**10am-** 9:45 arrival.

- Overview of day from Education Specialist and the STEAM Room.
- Students watch Hoover film.
- Released into galleries at 10:30.
- Activities until 12:00.
- Lunch at 12:00
- Historic Site or back to school after lunch.

**12pm-** 11:45 arrival.

- Historic Site and lunch, before program or arrive at 11:45am • Overview of day from Education Specialist and the STEAM Room.
- Students watch Hoover film.
- Released into galleries at 12:30.
- Activities until 2:00.

## In gallery activities:

- All students are given grade specific scavenger hunt worksheets to learn about the Hoovers and their involvement in the fields of science and engineering to complete throughout their visit.
- Iowa Geology station provided by the University of Iowa in Gallery 1/2.
- *De Re Metallica* and “Did you Know?” in Gallery 5.
- Land surveying and 3D printing in Galleries 4/5.
- Television and radio broadcast activities in Gallery 8. (available starting in April)
- Hoover dam, engineering, and energy activities in Galleries 8/9.
- Button making in Gallery 10.
- Aviation activities, including virtual reality, in Gallery 11.
- Lou Hoover (Women in STEM) and Fashion Design in Gallery 12.
- University of Iowa Mobile Museum located outside of the Museum.

