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.

