

Engineer It! Exploring Ancient Technologies

Build a shelter, design a boat, weave a shoe, or invent a fishing tool! Try out your own engineering skills while discovering technologies designed by Oregon's first engineers. Native American people have long used science and engineering to create effective tools, homes, clothing, cooking methods and more—passing this knowledge down through generations. Many of these innovations are still being used today! Explore a collection of Oregon artifacts and participate in hands-on engineering challenges.





Program Logistics

Engineer It! is designed for families with elementary-age children and is presented by a trained museum educator. The 60- to 90-minute experience begins with a short presentation and book reading (*Dipnetting with Dad* by Willie Sellars) for approximately 20 minutes, followed by hands-on activities at tables offering touchable artifacts and engineering challenges.

- **Timing:** The museum educator will arrive approximately one hour prior to the scheduled program time and will need a minimum of 50 to 60 minutes for set-up and 30 minutes for clean-up in the program space.
- **Staffing:** Participating locations must provide at least 2 adults or teen staff/volunteers to assist with the program. Program helpers should arrive at least 15 minutes prior to the start time, however assistance with set-up and clean-up is appreciated as well.
- **General Room Set-Up Needs:** Each location will have its own unique space and associated challenges. Please review the information below and consider how your space will work. Each program will require:
 - A small presentation space and an area for the whole audience to gather
 - 7 to 8 tables for activities and artifact displays
 - Chairs for 1 to 2 of the activity tables and for adults in the presentation area

For more information, visit mnch.uoregon.edu or contact us at mnchoutreach@uoregon.edu.