

# Spacesuit Engineering



**Tuesday, February 20 at 2 p.m. at the Main Library**

Learn what goes into engineering a spacesuit! Think about all the ways a spacesuit needs to help an astronaut—with breathing, temperature control, gravity, and more, while still allowing him or her to perform tasks. A scientist from the David Clark Company will show us how with a suit made right here in Worcester!

*This program is part of the Explore Tech: Engineers Make a World of Difference exhibit at the Worcester Public Library through March 9, 2018.*



# Explore Tech

## Engineers Make a World of Difference

### January 13 - March 9

**Exhibit Opening:** Saturday, January 13 at 11 a.m. at the **Main Library**

**Wreck the Tech:** Thursday, January 18 at 3:30 p.m. at the **Burncoat Branch**

**Engineering Challenge: Wind-powered Cars:** Monday, January 22 at 3:30 p.m. at the **Main Library**

**Engineering Challenge: Does it Float?:** Friday, January 26 at 4 p.m. at the **Frances Perkins Branch**

**Engineering Challenge: Building Tall:** Monday, January 29 at 3:30 p.m. at the **Main Library**

**STEM Demos with Microsoft:** Monday, January 29 at 4 p.m. at the **Main Library**

**Wreck the Tech:** Tuesday, January 30 at 3:30 p.m. at the **Goddard Branch**

**Animatronics!:** Saturday, February 3 at 11 a.m. at the **Main Library**

**Engineers Without Borders Panel Discussion\*:** Saturday, February 3 at 3 p.m. at the **Main Library**

**Engineering Challenge: Build a Perch:** Monday, February 5 at 3:30 p.m. at the **Main Library**

**STEM Demos with Microsoft:** Thursday, February 8 at 4 p.m. at the **Main Library**

**Engineering Alternate Worlds: Game Development Basics:** Saturday, February 17 at 12 p.m. at the **Main Library**

#### **School Vacation Week/Engineers Week**

**Spacesuit Engineering:** Tuesday, February 20 at 2 p.m. at the **Main Library**

**Robots Movie:** Wednesday, February 21 at 11 a.m. at the **Main Library**

**Energy and Sustainability with National Grid:** Wednesday, February 21 at 2 p.m. at the **Main Library**

**Introduce a Girl to Engineering Day! - Women in Power Panel:** Thursday, February 22 at 2 p.m. at the **Main Library**

**Family Engineering Challenge: Build a Rube Goldberg Machine:** Saturday, February 24 at 10 a.m. at **Main Library**

**STEM Demos with Microsoft:** Thursday, March 1 at 4 p.m. at the **Main Library**

**The Internet of Things and Cybersecurity Challenges:** Saturday, March 3 at 1 p.m. at the **Main Library**

**Check our website for updates at [mywpl.org](http://mywpl.org)**

Explore Tech: Engineers Make a World of Difference was organized by the Space Science Institute's National Center for Interactive Learning, the American Library Association's Public Programs Office, the Lunar and Planetary Institute and the Afterschool Alliance. This project was made possible through the support of a grant from the National Science Foundation. The Worcester Public Library is proud to partner with the Eureka! program at Girls Inc. of Worcester and Worcester Polytechnic Institute.