

# GIRLS & ENGINEERING DAY

SAT, FEBRUARY 23

2019

## INVENT AMAZING

### GIRLS, WE NEED YOU!

**Did you know that only 13% of engineers are women and 26% of computer scientists are women?**

We invite you and your families, educators and sponsors to come to Girls and Engineering Day to learn more about this fascinating career field. This activity packed afternoon is filled with hands-on engineering challenges, chances to work alongside amazing women engineers and so much more!

#### Here are a few of the experiences planned just for you!

##### **ELECTRICAL SAFETY WITH ONCOR**

Attend an Live Line demonstration and complete hands-on challenges with Oncor engineers.

##### **HAPPY CITY**

Engineering and art collide when you combine cardboard boxes, conductive tape, batteries and miniature LEDs to create a whimsical building for our Happy City with the Society of Women Engineers.

##### **ELECTRONICS DISSECTION**

Take apart interesting electronics with Lockheed Martin.

##### **MEET PEPPER THE ROBOT**

Learn about cognitive computing with IBM.

##### **SCRIBBLING EXPLORATIONS**

Build a scribbling robot with Mouser Electronics.

##### **PACHINKO PLAY**

Discover how friction and slopes affect balls rolling down ramps.

##### **PAPER ANIMATRONICS**

Create your own paper creature and then introduce moving parts with tiny motors.

##### **INTERVIEW AN ENGINEER**

The Museum will be filled with practicing engineers available to answer your questions.

All activities are included with paid exhibit admission. Please note, activities are offered on a rotating basis. Engineers are onsite at varying times.

Learn more at [fortworthmuseum.org/girls-and-engineering-day](http://fortworthmuseum.org/girls-and-engineering-day)



Additional volunteer and education support provided by IBM, Lockheed Martin, Mouser Electronics, Oncor, Alcon, Burns and McDonnell, Cannon Elementary, Cowtown BEST Robotics, Eaton, Fort Worth ASCE, GE Transportation, Nolan Catholic High School, Northrop Grumman Corporation, Society of Petroleum Engineers, Society of Women Engineers, Texas Society of Professional Engineers, Trinity Valley School, UTA College of Engineering, Young Men's Leadership Academy and Young Women's Leadership Academy.



**FORT WORTH MUSEUM**  
SCIENCE AND HISTORY