

The Orange Public Library Foundation presents



science • technology • engineering • art • math  
**for teens & tweens**

Sponsored by the Rotary Club of Orange

**September 21 through January 11**

**Saturdays at 3 pm – 4:30 pm**

at the Orange Public Library & History Center Community Room

407 E. Chapman Ave., Orange, CA 92866

**September 21**  
**Robotics Roundup**

How are robots designed, built and programmed?  
Find out from our competition robotics team!

Presented by  
*BSA Venturing Crew 1701/  
FRC Robotics Team 4322*

**October 19**  
**Tales of Toys**

Ever want to learn how toys are made? Take a  
peek into the process that goes behind creating  
some of your favorite stuffed animal friends.

Presented by  
*Evan Troutt  
Professional Toymaker*

**November 16**  
**Explore 50 million year old  
plant-bacteria friendships!**

Today's bioengineering techniques  
unlock the mysteries.

Presented by  
*Hagop Atamian  
Chapman University*

**December 7**  
**Ripping Rollercoasters**

Curious about how rollercoasters  
are created? Mix up some metal and  
gravity and you are on your way.

Presented by  
*Vince Anderson  
Former Disney Designer*

**January 11**  
**Food Fraud 101:  
What's on your plate?**

Explore the ways in which criminals  
tamper with our food through  
hands-on activities and case studies.

Presented by  
*Rosalee Hellberg  
Chapman University*



*City of Orange*  
PUBLIC LIBRARY FOUNDATION



**Enter to win a laptop and printer or  
two 1-Day Disney Park Hopper passes**  
each time you attend a STEAM hands on workshop.

**Drawing to be held January 11, 2020**

**Grades 6-12**  
**Register Now!**

**Call the Welcome Desk - 714-288-2418 or 714-288-2470**