

Maker Faire® NoVa

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4th Annual Maker Faire NoVa Set for March 19, 2017

Tickets Now on Sale

Reston, Virginia – Tech enthusiasts, inventors, entrepreneurs, educators and curious minds will gather on Sunday, March 19 as the 4th annual Maker Faire NoVa comes to South Lakes High School and Langston Hughes Middle School located at 11400 South Lakes Dr., Reston, Virginia, open from 11:00 a.m. until 5:00 p.m. Previously known as NoVa Mini Maker Faire, the event is upgraded to the status of community faire with a new name and a new website, <http://nova.makerfaire.com/>.

Maker Faire is a gathering of fascinating, curious people who enjoy learning and who love sharing what they can do. From engineers to artists to scientists to crafters, the Maker Faire provides an opportunity for “makers” to show hobbies, experiments, and projects. Tagged “The Greatest Show (& Tell) on Earth,” this glimpse of the future and inspiration is a family-friendly showcase of invention, creativity, and resourcefulness.

At Maker Faire NoVa more than 100 makers will share their knowledge through hands-on projects, demonstrations, workshops and a speaker series in areas of art, engineering, robotics, drones, 3D printers and more. Students and schools will also share how making and innovation occurs in education. New makers include: “[The Wave Extinguisher](#)” by George Mason University engineers Seth Robertson and Viet Tran; “[The Green Club](#)”, home-made juggling clubs from Erin Riley; and “[Drone Zone](#)” from DC Area Drone User Group. The list of makers can be found on the [Maker Faire NoVa website](#).

Returning makers will have new activities including a Cardboard Challenge by South Lakes High School STEAM Team; [Engineering Bioplastics](#) from The Children’s Science Center; and a human-powered vehicle from Makersmiths makerspace. The ever-popular [Craig Trader’s Chaos Machine](#) (a large automated marble machine) and [Nova Labs Learn to Solder](#) will return. A variety of food trucks will also be available. A speaker series will include Jason Romano of Lake Anne Brew House and a panel discussion on “Monetizing What You Love to Make: Launching a Kickstarter Campaign”.

New this year is the NoVa Maker Educator Meetup, which provides an opportunity for Maker Educators to network and learn from their peers in the region. A group of experienced Maker Educators will share brief presentations describing their maker programs. Then participants can explore the Faire to see making in action. Participants can network with other maker educators with the goal of creating an ongoing NoVa Maker Educator Meetup series. [Advance registration](#) is required.

[Tickets are now on sale online](#). Ticket prices have been reduced from last year. Early bird tickets are available through February 17, 2017. Advance tickets are available through March 18, 2017. Tickets are available at the door. New this year is reduced prices for seniors. A family ticket-for-5 will be available during regular ticket sales and on the day of the Faire.

Find all details at <http://nova.makerfaire.com/> T: 703-437-5780, Nova Labs

Support for Maker Faire NoVa is provided by Google, Fairfax County Public Schools, Reston Community Center, The Innovation Fund of the Community Foundation for Northern Virginia, Fairfax Connector, Capital One, Fairfax Library Foundation, and Fairfax Collegiate. Community Partners include: Myers PR and Children's Science Center. Additional sponsorship opportunities are available.

Maker Faire NoVa is independently organized by Nova Labs and is operated under license from Maker Media, Inc.

Event Details:

4th Annual Maker Faire NoVa

Sunday, March 19, 2017, 11:00 a.m. – 5:00 p.m.

Two buildings: South Lakes High School, 11400 South Lakes Dr., Reston, Virginia and Langston Hughes Middle School, 11401 Ridge Heights Rd, Reston, Virginia

Tickets: Early Bird – until 2/17/17 - Adults \$9; Children \$1, Senior \$7

Advance – 2/18/17 to 3/18/17 - Adults \$13; Children \$2, Senior \$7, Family (5) \$29

At the door, 3/19/17 - Adults \$15; Children \$5, Senior \$12, Family (5) \$40

Purchase at <http://nova.makerfaire.com/tickets/>

NoVa Maker Educator Meetup

Sunday, March 19, 2017

Program – 10:00 a.m. - 12:30 p.m.

Faire – 12:30 p.m. – 5:00 p.m.

Langston Hughes Middle School, 11401 Ridge Heights Rd, Reston, Virginia

Must register and purchase Faire ticket

Register at <https://goo.gl/forms/BntakH8oMyMcWgQS2>

Transportation: Free shuttle bus service will be provided from the Wiehle-Reston East Metro parking garage to South Lakes High School and Langston Hughes Middle School. Only handicapped and event personnel parking is available at the schools.

For additional information about the Maker Faire NoVa, sponsorship or volunteer opportunities <http://nova.makerfaire.com/>

Facebook <https://www.facebook.com/MakerFaireNoVa/>

Twitter [@makerfairenova](https://twitter.com/makerfairenova)

Instagram <https://www.instagram.com/makerfairenova/>

About Nova Labs

Nova Labs is a community-based makerspace in Reston, Virginia created in 2011 for the purpose of empowering everyone to rediscover the joy of making things. By providing the space, resources and mentorship for innovation and creation, Nova Labs creates a model to inspire the next generation of scientists, engineers, technologists, and entrepreneurs.

Nova Labs' mission is to provide a community workshop where people can learn, teach, and collaborate on creative and technical works and to promote the usefulness of competence in the technical arts. "All kids — and adults — need more encouragement to follow their curiosity and be innovative problem solvers," says Brian Jacoby, president of Nova Labs. "The Mini Maker Faire celebrates working with raw materials, engaging kids' minds, and helping them to become critical thinkers."

About Maker Faire

Maker Faire is the Greatest Show (and Tell) on Earth — a family-friendly showcase of invention, creativity and resourcefulness, and a celebration of the Maker movement. It's a place where people

show what they are making, and share what they are learning.

Makers range from tech enthusiasts to crafters to homesteaders to scientists to garage tinkerers. They are of all ages and backgrounds. The aim of Maker Faire is to entertain, inform, connect and grow this community.

The original Maker Faire event was held in San Mateo, California in 2006 and in 2016 celebrated its eleventh annual show with over 1,300 makers and 150,000 people in attendance. World Maker Faire New York, the other flagship event, has grown in seven years to 950 makers and 95,000 attendees. Rome, Shenzhen, Paris, Milwaukee, Beijing, Atlanta, Detroit, Tokyo, Berlin, and Kansas City are some of the 33 “featured” 2016 Maker Faires. In addition, there was 155 community-driven, independently organized Mini Maker Faires are now being produced around the United States and the world for a combined total of 191 faires in 38 countries in 2016 with a total attendance of 1,404,000. (www.makerfaire.com)

About MAKE Magazine

MAKE is the first magazine devoted entirely to Do-It-Yourself (DIY) technology projects. MAKE unites, inspires, informs, and entertains a growing community of resourceful people who undertake amazing projects in their backyards, basements, and garages. MAKE celebrates your right to tweak, hack, and bend any technology to your will.

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Photos: See next page and find more at:

https://www.dropbox.com/sh/4dk5m4s2yfzmpk2/AACwB7azNAcRk2_LUfmWppMFa?dl=0

Video by Reston Channel 28, Comcast <https://www.youtube.com/watch?v=mXnRUrCY1EY>

Video by Nova Now, CoxNOVA, https://www.youtube.com/watch?v=Ucc3_bDFKXI



Member of Nova Labs Woodworkers guides young fairgoer on wood lathe. Credit – Emily Shaw



Ian Larson, South Lakes HS junior, demonstrates trebuchet that he built. Credit – Anna Kulyk



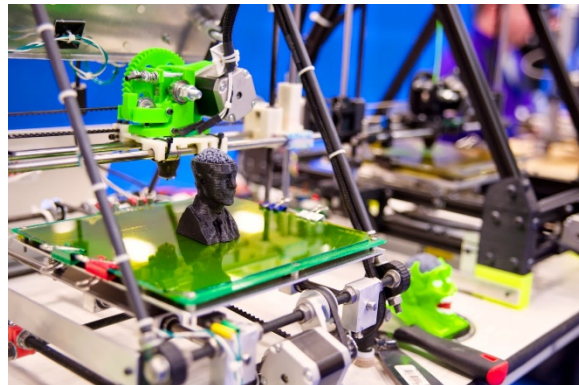
Nova Labs volunteer teaches a father and son how to solder. Credit – Casey Bonanno



Nixie Tube Clock by Bob Coggeshall of Cogwheel Circuitworks. Credit: John Nelson



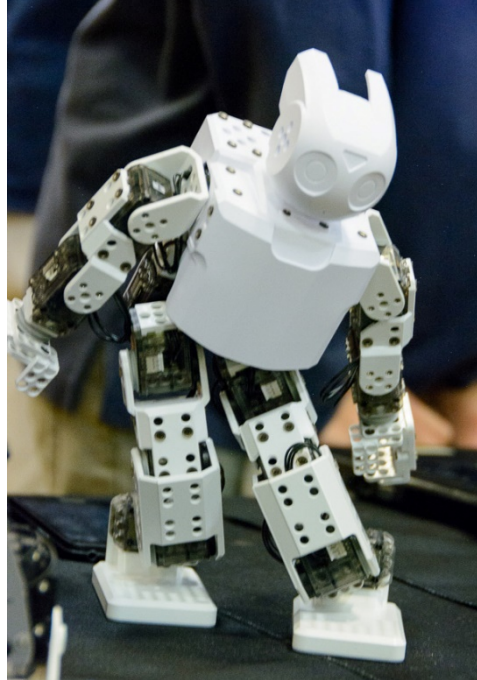
Drone from DC Area Drone User Group. Credit: DC Area Drone User Group



Jeff Sheddfer's Prusa Mendel machine, 3d printing Stephan Colbert with his brain exposed. Credit: Dan Arango



A dress with LED lights by Sally Byers of Threadwitch Light & Fabric. Credit – Jeanne Loveland



Robot. Credit – John Nelson