



# Technology Exploration Saturdays

FREE STUDENT AND PARENT OPPORTUNITY FOCUSING ON SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)

The Virginia Space Grant Consortium would like to invite you to apply for our **Technology Exploration Saturdays**. This three-part series will be hosted at Thomas Nelson Community College, Canon Virginia, and NASA Langley Research Center. Students and parents will be provided with interactive hands-on activities, demonstrations, and

career planning resources. Workshop presenters include guest speakers and engineering technologists from NASA Langley, Newport News Shipbuilding, Canon Virginia and Thomas Nelson Community College.  
\*Lunch is provided. Parent/guardian responsible for transportation.

## TECHNOLOGY OF THE FUTURE

Hosted by Thomas Nelson  
9 AM to 1 PM  
January 25, 2020  
Make-up Date: February 1, 2020

Students will explore information technology, mechatronics, networking, and an introduction to unmanned aircraft systems (UAS, or Drones). Presenters will lead interactive sessions with students.

## AUTOMATING THE FUTURE

Hosted by Canon Virginia  
9 AM to 1 PM  
February 22, 2020  
Make-up Date: February 29, 2020

Students will explore fiber optics/ lasers, sensors/electronic circuits and automation used in manufacturing during interactive sessions presented by engineering technologists who will also share their career pathways.

## CREATING THE FUTURE

Hosted by NASA Langley  
9 AM to 1 PM  
March 14, 2020

Students will explore robotic technology/robotic programming, robotic designs, and interact with different types of robotics presented by engineering technologists who will also share their career pathways.

### ELIGIBILITY

Open to 7th and 8th grade students from the Peninsula School Divisions: Williamsburg-James City County, York County, Hampton, Gloucester County, Newport News, Isle of Wight, and Poquoson

Student must be a U.S. citizen and apply using application form

### HOW TO REGISTER

Contact Jan Dotzauer for an application: [jdotzaue@odu.edu](mailto:jdotzaue@odu.edu) or 757.766.5210

Submit application to your teacher after it is signed by your parent/guardian

\*Only one application is needed to be accepted to all three Saturday events

**Application due date: December 5, 2019 • Students acceptance notification: December 17, 2019**



Learn more about the Virginia Space Grant Consortium on our website: [vsgc.edu.edu](http://vsgc.edu.edu)



Canon

THOMAS NELSON



For information concerning event activities contact Joyce Corriere at [jcorrier@odu.edu](mailto:jcorrier@odu.edu) or 757-766-5210.