



# 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, Thomas Nelson Community College, and more.

#### TECHNOLOGY OF THE FUTURE

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

Hosted by Thomas Nelson  
January 25, 2020  
Make-up Date: February 1, 2020

#### AUTOMATING THE FUTURE

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.

Hosted by Canon Virginia  
February 22, 2020  
Make-up Date: February 29, 2020

#### CREATING THE FUTURE

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.

Hosted by NASA Langley  
March 14, 2020

- **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.
- Only one application is needed to be accepted to all three Saturday events.
- Submit application to your teacher after it is signed by your parent/guardian.
- Lunch is provided. Parent/guardian responsible for transportation.
- All Saturday events are 9 AM to 1 PM
- For information, concerning student registration contact Jan Dotzauer at [jdotzauer@odu.edu](mailto:jdotzauer@odu.edu) or phone **757-766-5210**
- For information, concerning event activities contact Joyce Corriere at [jcorrier@odu.edu](mailto:jcorrier@odu.edu) or phone **757-766-5210**

Application due Date:

**December 5, 2019**

Students acceptance notification:

**DECEMBER 17, 2019**

