



# 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 Virginia Peninsula 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 Virginia Peninsula Community College.

\*Lunch is provided. Parent/guardian responsible for transportation.

## TECHNOLOGY OF THE FUTURE

**Hosted by Thomas Nelson  
9 AM to 1 PM  
January 2023**

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 2023**

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 2023**

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 Opens: November 2022**



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



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