



# Technology Exploration Saturdays

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

The Virginia Space Grant Consortium and partners invite students 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 Virginia Peninsula Community College**  
**9 a.m. to 1 p.m.**  
**January 21, 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 a.m. to 1 p.m.**  
**February 25, 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 a.m. to 1 p.m.**  
**March 11, 2023**

NASA's Artemis mission will land the first woman and first person of color on the Moon! NASA will explore regions of the Moon to establish a long-term human presence. Students will learn about the structural integrity of a space module and the stability of a rocket.

## 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 APPLY

Students must submit application to their teacher after it is signed by a parent/guardian. Teachers will submit all applications to VSGC.

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

\* Events may be canceled due to the weather and other unforeseeable circumstances.

**Application Deadline to VSGC: December 12, 2022**



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



**Canon**



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