



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 20, 2024

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 24, 2024

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 9, 2024

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 11, 2023



Learn more about the Virginia Space Grant Consortium on our website:
vsgc.odu.edu



Canon



For information, concerning event activities contact Joyce Corriere at jcorrier@odu.edu or 757-766-5210.