

The Commonwealth Governor's School Summer Enrichment 2016

Student Application

Students may choose from six CGS Summer Enrichment program options. Please complete this application and return to your CGS teacher/advisor ***no later than March 31***. Participants will be selected based on the return date of the application (*first come, first served!*). There are limits on the number of participants. Each school division will have a designated number of seats to ensure regional participation. Waiting lists will be developed if needed.

I. Student Information:

Student Name _____ School Division _____
Home-Based School _____ Current Grade _____
Mailing Address _____

Parent/Guardian Name _____
Home Phone _____ Work Phone _____ Cell Phone _____
Email Address _____

II. Program Requested:

Please check the program(s) in which you wish to be considered as a participant. If you select more than one program, please indicate in the boxes your first and second choice. The CGS staff will attempt to honor first choices whenever possible. If space is available, you may participate in more than one option.

Fredericksburg Area Summer Governor's School Mentorship Program

Rising 11th and 12th graders

➤ **For dates and application, please check with your high school gifted resource teacher.**

Chesapeake Bay Watershed Experience

CGS Student Bay Savers Trip: Becoming a Caretaker of Our Watershed

Rising 11th and 12th graders; Limited to 16 students

➤ Monday, June 27 – Friday, July 1; Central Virginia Region

Parents will drop off and pick up students at the Spotsylvania Career and Technical Center

Drop off at 9:00 a.m. June 27; pick up at 3:00 p.m. July 1

➤ Shirt size: Small _____ Medium _____ Large _____ X-Large _____

➤ **Participation fee of \$20 due at time of acceptance**

Program Description: Students and teachers will be starting at Kelly's Ford on the Rappahannock, canoeing down to Fredericksburg, then spending three days on Fox Island in the Chesapeake Bay. The first three days will be primitive, yet adventurous; camping and canoeing along the Rappahannock. The last two days will be filled with canoeing, boating and visits to other islands. The main goal of the trip is to realize how sensitive the Bay is to human influence and to develop caretakers of the Bay's watershed.

Post Trip Activities: Participants will be active in local environmental concerns.

National Museum of the American Indian Tour, and U. S. Supreme Court Building

Rising 10th, 11th, and 12th graders, Limited to 40 students

➤ Thursday, July 14

➤ Depart from Stafford High School at 8:00 a.m., return to Stafford High School by 4:00 p.m.

➤ **Cost per student: Bring your own lunch or money to purchase lunch**

Program Description: The National Museum of the American Indian houses one of the world's largest and most diverse collections of its kind. The museum's sweeping curvilinear architecture, its indigenous landscaping, and its exhibitions, all designed in collaboration with tribes and communities from across the hemisphere, combine to give visitors from around the world the sense and spirit of Native America. Explore American Indian artwork, history, music, and tribes from North and South America. *Continued...*

The Smithsonian's National Portrait Gallery tells the history of America through individuals who have shaped its culture. Through the visual arts, performing arts and new media, the Portrait Gallery portrays poets and presidents, visionaries and villains, actors and activists whose lives tell the American story.

**College Day Trip to University of Virginia & Tour of Monticello**Rising 10th, 11th, and 12th graders, Limited to 40 students

- Wednesday, July 20 (*due to possible campus conflict, date may be changed*)
Depart from Riverbend High School at 7:30 a.m., return to Riverbend High School by 5:00 p.m.
- **Cost per student: Bring your own lunch, and souvenir money**

Program Description: Campus tours are given by Campus Ambassadors, a group of dedicated students who volunteer their time to show you around both campuses. The tour will last an hour and the majority of the tour will be of the exterior of campus. Wear comfortable shoes and bring sunscreen.

**“STEM” Engineering Management Workshop**Rising 10th, 11th, and 12th graders, Limited to 30 students

- Monday – Friday, June 20-24, 8:00 a.m. – 4:00 p.m.
- UMW Stafford Campus - Parents are responsible for student transportation to/from the campus
- **Cost per student: Bring your own lunch**

Program Description: This workshop is designed to support critical engineering talent development by engaging local High Schools in an innovative Science, Technology, Engineering, and Mathematics (STEM) education event.

Throughout the course of a week, participants are actively involved in the designing, building, and testing of a robotic vehicle that must meet specified performance requirements. This workshop simulates the processes and situations engineers face in real life while on the job, where they are required to design, build, and test systems that meet specific requirements. Throughout the workshop, participants are introduced to and practice various engineering management skills and competencies such as:

- risk management;
- technical reviews; and
- configuration management

On the final day of the workshop, teams demonstrate the performance of their vehicle designs during a number of test events including trial runs around a complex obstacle course. The workshop culminates with a “source selection,” where team designs are evaluated based on performance, cost, producibility, and supportability. One team is declared the winner based on a best-value determination.

III. Student/Parent Commitment:

I understand that my child, if selected, will be committed to the full Summer Enrichment Program, and that our family will provide transportation.

 STUDENT SIGNATURE

 DATE

 PARENT SIGNATURE

 DATE