CHESAPEAKE BAY GOVERNOR'S SCHOOL
FOR MARINE AND ENVIRONMENTAL SCIENCE

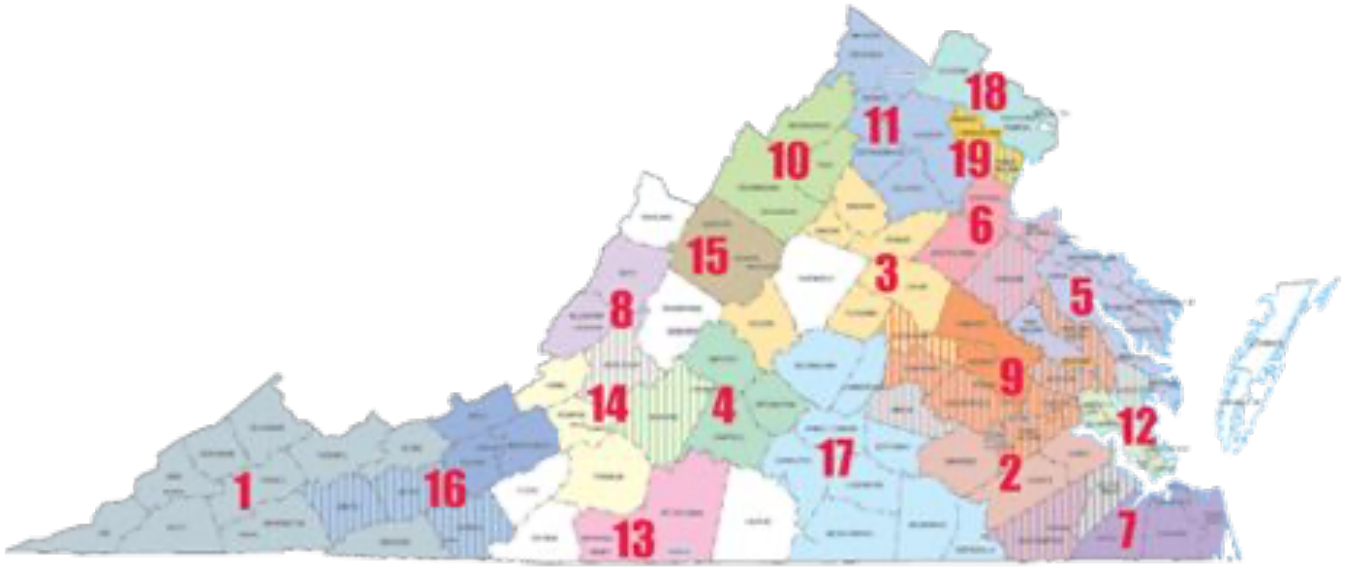
Prospective Student Information Session

TODAY'S PROGRAM

- *Overview of CBGS*
- *Explain the application process*
- *Answer your questions*



WHAT IS A GOVERNOR'S SCHOOL?



- *CBGS is one of 20 schools in Virginia for gifted, talented, and academically driven students.*
- *Academic-Year Governor's Schools provide students with acceleration and exploration in areas ranging from the arts to government and international studies, and to mathematics, science, and technology.*

WHAT DOES IT MEAN TO GO TO A GOVERNOR'S SCHOOL?

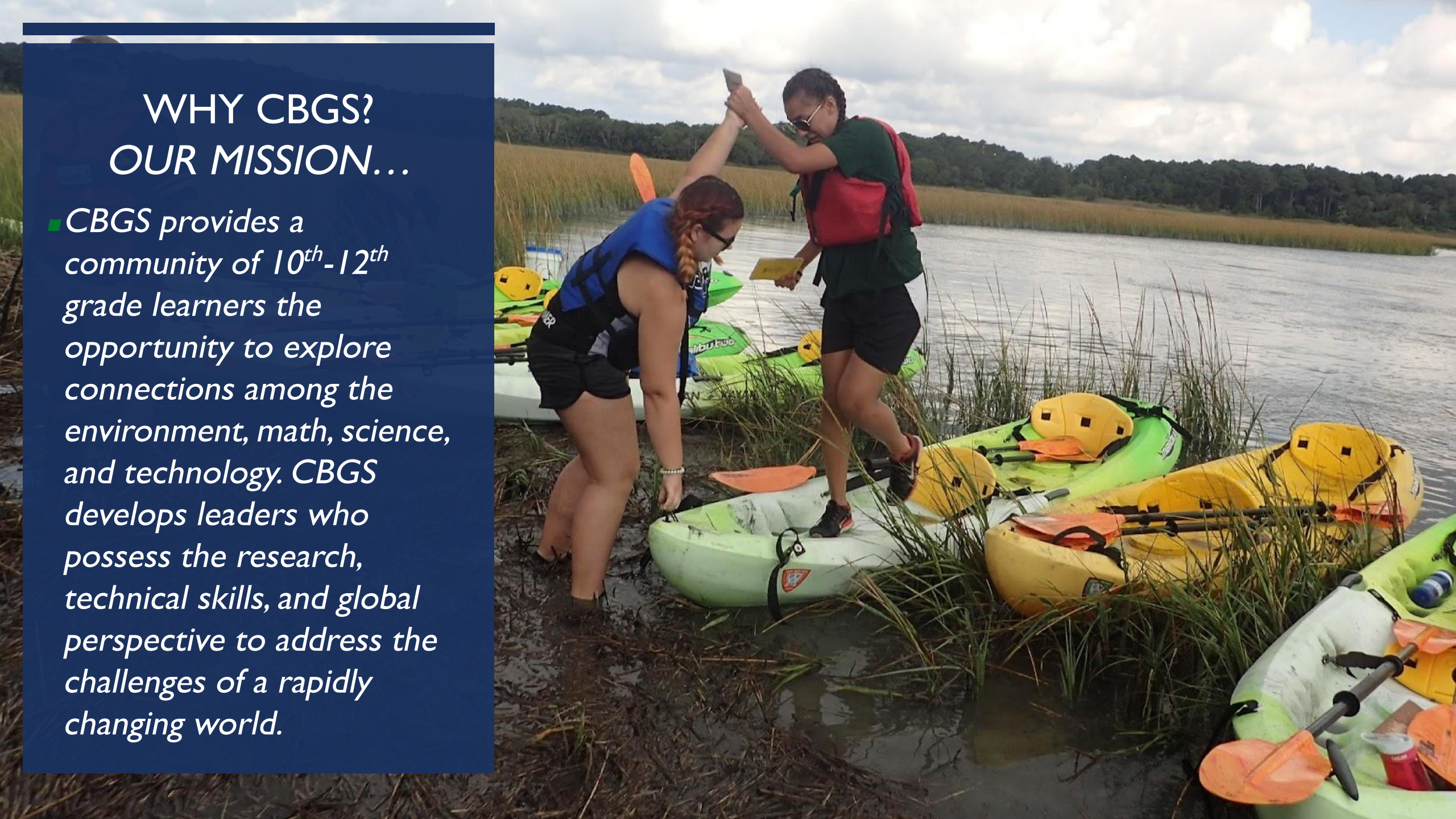
*Governor's schools are focused on academic **rigor and college prep.** Students will learn to work hard and will receive an education that prepares them for college.*

*Governor's schools are **highly regarded by colleges** due to their academic rigor, the qualifications of the instructors, and the student's choice to go well beyond the requirements of a standard diploma.*

*Governor's schools include students who are highly motivated, goal-oriented, love to learn, and are planning for college. Students meet new friends and are **challenged and surrounded by peers with similar interests and aspirations**.*

WHY CBGS?
OUR MISSION…

- *CBGS provides a community of 10th-12th grade learners the opportunity to explore connections among the environment, math, science, and technology. CBGS develops leaders who possess the research, technical skills, and global perspective to address the challenges of a rapidly changing world.*



CBGS by the Numbers

- *Divisions: 14*
- *Sites: 3 (Bowling Green, Glenns, Warsaw)*
- *Staff: 21 total*
  - *16 Teachers*
  - *3 Admin. Assistants*
  - *1 Admin. Coordinator*
  - *1 Director*
- *Students: 243 total*
  - *Bowling Green: 61*
  - *Glenns: 71*
  - *Warsaw: 111*







STRUCTURE OF OUR PROGRAM

- *CBGS is a shared-day Governor's School*
- *Students attend CBGS for mathematics and science from 8:00-10:30 a.m. daily*
- *They return to their home high schools for humanities, electives, sports, and activities each day*









CBGS FACULTY - WARSAW



Mr. Beam
Site Lead/ M&E



Mr. Clift
M&E



Mrs. Jones
Mathematics



Ms. Sanders
Mathematics



Ms. Bishop
Physics



Mrs. Fulks
Chemistry



Mrs. Smith
Biology



Mrs. Katelyn Orem
Foundations of Science



Mrs. Rose Jones
Administrative Assistant



Dr. Wright
Director

CBGS FACULTY - GLENNS



Mrs. Beam
Site Lead/ M&E



Mrs. Adrian-Tucci
Biology/Foundations



Mr. Sanderson
Mathematics



Ms. Carey
Chemistry



Ms. Bishop
Physics



Mrs. Drumheller
Admin. Assistant



Dr. Wright
Director

CBGS FACULTY – BOWLING GREEN



Dr. Goff
Site Lead, M&E



Ms. Payne
Foundations, Biology



Dr. Thomas
Mathematics



Dr. Hoang
Physics/Calculus



Mrs. Fulks
Chemistry



Ms. Phillips
Administrative Assistant



Dr. Wright
Director

HIGHLIGHTS OF OUR PROGRAM

- **Dual Enrollment** – Every class students take will be for high school and **college credit** that will transfer to almost every college in Virginia, saving students thousands of dollars in tuition.
- **Field studies** – Overnight and day trips to conduct authentic scientific studies. Kayaking, hiking, fishing, and more!
- **Research** – Seniors conduct an original study of their choosing and design that will prepare them for the rigors of college research.



ACADEMIC PROGRAM

Sophomore Curriculum	*Junior Curriculum*	*Senior Curriculum*
Foundations of Science	Marine & Environmental Science I	Marine & Environmental Science II
Advanced Algebra/ Pre-Calc I	Pre-Calculus II Trig	Calculus
Biology	Chemistry	Physics
*College Success Skills		



All CBGS classes receive dual enrollment credit through RCC.
**College Success Skills is college credit only; students do not receive high school credit.*



ANNUAL FIELD STUDIES

Curricular and aligned with M&E courses.

10th Grade - Geology

11th Grade - Ecology

12th Grade - Oceanography







SOPHOMORES: WATERSHED EXPERIENCE

An overnight trip to Shenandoah National Forest: Hiking, camping, water sampling, Luray Caverns.
















adidas





JUNIORS: ESTUARIES, MARSHES, OPEN WATER

New Point Comfort w/ overnight stay at Camp Piankatank: Kayaking fresh and salt water marshes, seine and cast netting for marine life.













SENIORS: BARRIER ISLANDS

2-night trip to Nags Head, OBX: Study of beach erosion, Ghost crabs and other marine life, and a formal dinner with your peers.















SENIOR RESEARCH PROJECT & SYMPOSIUM

- *Every CBGS student engages in meaningful and authentic research (begins junior year).*
- *Seniors present their research at an annual science symposium.*
- *Many seniors are accepted to the Virginia Junior Academy of Sciences competition*









AND THERE'S MORE!

- *All-Site Days, to meet fellow CBGS'ers from all over*
- *Community service emphasis*
- *Extracurricular (robotics, academic teams, etc.)*
- *Governor's Seal on your diploma*



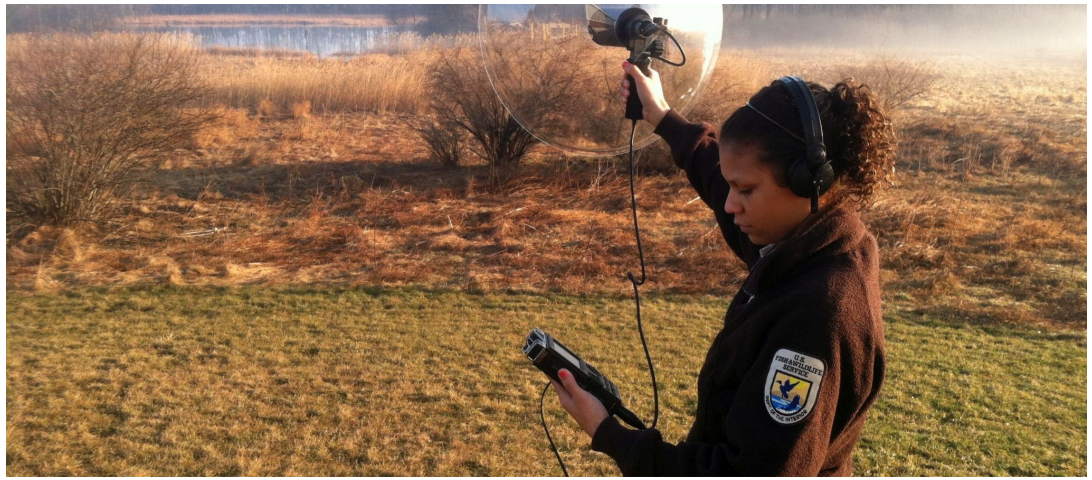
DO I HAVE TO ASPIRE TO A CAREER IN MARINE SCIENCE TO COME TO CBGS? NO!!!

- Writers
- Doctors
- Accountants
- Lawyers
- Economists
- Chemists
- Biologists
- Environmental scientists
- Policymakers
- Teachers
- and many more!

You'll learn critical thinking, research, study habits and more.

For some, it's a deep dive into math and science that means they <u>don't</u> have to take more of those topics in college.

Alumni Spotlight - Megan Reed (Richmond County)
U.S. Fish and Wildlife





- Wildlife Conservationist
- Penn State - B.S., Wildlife and Fisheries Science
- Old Dominion University - Masters of Public Administration

ADMISSIONS
How to Apply to CBGS

- *Applications are completed online during students' Freshman year. The deadline varies by school division.*
- *Students are selected based on multiple criteria:*
  - *GPA, Teacher Recommendations, Math Assessment, Writing Prompt, (opt.) Interview*
  - *Must have taken Algebra I, Geometry, and one high school science (Earth Science or Environmental Science). Algebra II may be helpful, but is not mandatory.*
- *Important Traits:*
  - *Interest in math and science*
  - *Willingness to work hard; strong study habits*
  - *Willingness to grow as a student*
- *Selection is done by a staff committee in the home school division.*

COMMON MISCONCEPTIONS

1. I need to be interested in marine and environmental science to be a student at CBGS.
Many alumni have told us that they develop their love of the outdoors at CBGS.

2. I will be too busy with sports or other extracurricular activities.
CBGS students are very active in sports and extracurricular activities.

3. I need to be a straight-A student to apply to CBGS.
Not all CBGS students maintain straight-A's - and that's okay. We help high schoolers develop into students with the work ethic required for college.

4. I won't get accepted - there are several students with higher GPAs in my cohort.
It's at least worth applying!

5. I don't want to go into a math or science profession.
CBGS has alumni in all sorts of fields - humanities, business, finance, education, science, law, etc. We help them develop the critical thinking, research skills, and study habits to be successful in any profession.

OTHER CONSIDERATIONS

Students must meet the scoring guidelines for the VPT or receive DE credit. Acceptable scores on the PSAT or SAT may be used in place of the VPT or passing Algebra II with a B or better.

Students must be prepared to maintain a C or better while at CBGS to remain a student in good standing.

Your district pays your tuition when admitted. Both they and CBGS want students to commit to the full 3-year program.

CBGS typically starts school 3-4 weeks prior to Labor Day and attendance these 2 weeks is mandatory. Most participating school divisions start at the same time (but not all).

CBGS and our 14 school districts cannot match up school calendars perfectly. (We wish we could!!) Students must be prepared to possibly attend CBGS even if their "home school" is off a day.

The CBGS Experience

51 College Credits

At no cost to students or families

Immersive Field Studies

Shenandoah National Park, Eastern Shore, OBX

Authentic Research

Preparing you for college

Collaboration

Make new connections and friends from other schools

Come see for yourself!

Open House Events

All times 6-7:30pm

- *Glenns - November 30th*
- *Bowling Green - December 8th*
- *Warsaw - December 3rd*

FOR MORE INFORMATION, GO TO

WWW.CBGS.K12.VA.US

Questions?

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804-443-0267