Governor's Health Sciences Academy

WARWICK HIGH SCHOOL

51 Copeland Lane • Newport News, VA 23601

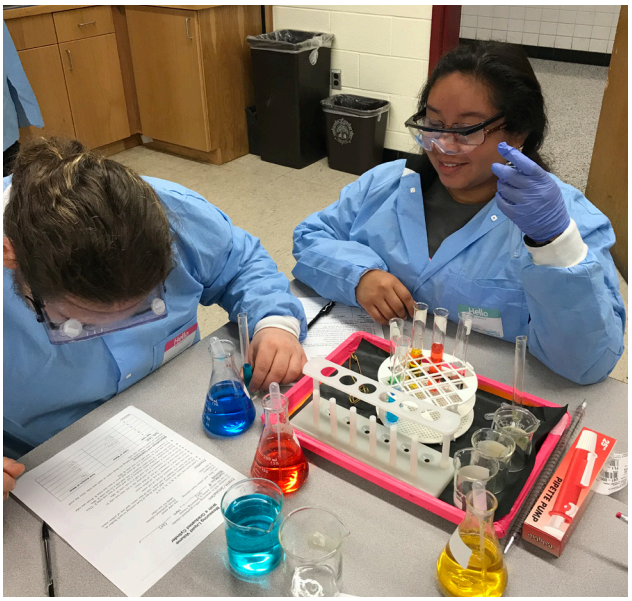
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What is the Governor's Health Sciences Academy?

Did you know that the healthcare industry is projecting the development of roughly 2 million new jobs within the next ten years? Similarly, it is projected that 1.9 million job openings will become available each year within the healthcare industry.

The Governor's Health Sciences Academy prepares students to fill the rising demands of the healthcare industry by combining academic coursework and clinical experiences in a challenging and collaborative school environment.





Health Sciences Academy Career Pathways

Therapeutic Services - Students develop skills to care for and treat patients to improve their health over time. Students learn to counsel patients and provide them with the tools needed to live a healthier lifestyle. Possible careers include medical doctors, nurses, physical therapists, athletic trainers, and psychologists.

Diagnostic Services - Students learn to use tests and evaluations to detect, diagnose, and treat diseases, injuries and physical conditions. Possible careers include lab technicians, phlebotomists, radiologists, and microbiologists.

Biotechnology Research & Development - Students learn techniques to discover new treatments and medical technologies to advance the health science field. Possible careers include forensic scientists, cell biologists, biochemists, and pharmacologists.

What is distinctive about the magnet program?

- Students in the Governor's Health Sciences Academy can earn an industry certification in each pathway.
- The Nurse Aide Program allows students to graduate as a certified nursing assistant (CNA)
- The Health Sciences curriculum helps students establish connections between mathematics, science, and technology.
- The Project Lead the Way curriculum allows biomedical sciences students to explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems.
- Dedicated labs offer clinical instruction and biomedical exploration.
- Anatomage 3D software offers anatomy visualization and virtual dissection system.
- Students learn about careers through mentors, career and technical education student organizations, career clubs, work site visits, guest speakers, internships and job shadowing experiences.
- Students participate in health-related school and community events.
- The program partners with Hampton University, Old Dominion University, The College of William and Mary, Christopher Newport University, Riverside Regional Medical Center, ECPI/Medical Careers Institute, Pivot Physical Therapy and Virginia Living Museum.

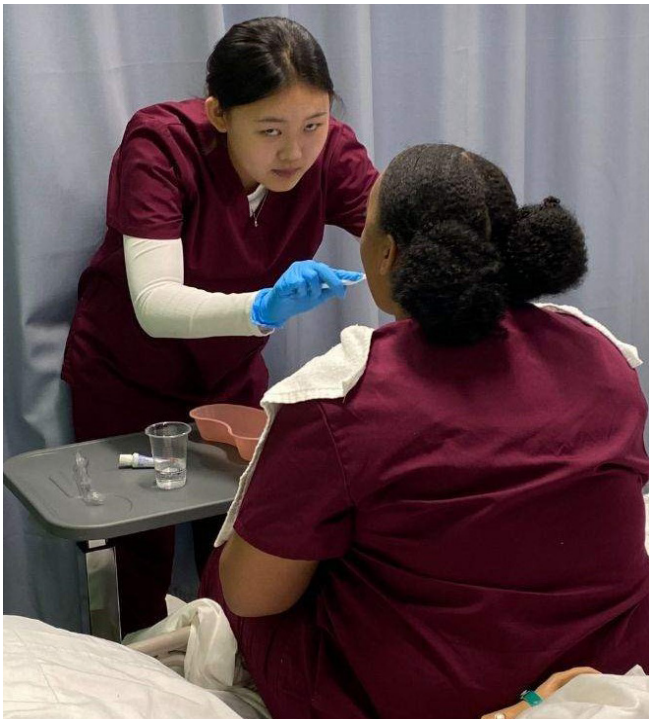
Getting Started

Rising ninth-grade students interested in participating in the Governor's Health Sciences Academy are required to complete a Governor's Health Sciences Academy application.



Students in the Academy are expected to meet the following criteria:

- Complete an advanced mathematics course beyond Algebra II;
- Maintain a minimum of a 2.7 grade point average;
- Take a mathematics, science and health science course each year;
- Complete a Health Sciences work-based internship (minimum of 15 hours) during senior magnet course;
- Complete courses within a specific pathway in the Health Sciences Career Cluster;
- Earn an industry certification or at least nine transferable college credits; and
- Complete 200 hours of school/community service (50 hours per school year).



Assessments/Certifications offered to Health Sciences Academy students:

- NOCTI Health Assisting Assessment (Therapeutic)
- National Nurse Aide Program Assessment (Therapeutic)
- NRC Phlebotomy Technician Exam (Diagnostic)
- PLTW End-of-Course Tests (Biotechnology)
- Virginia Workplace & Readiness Skills Assessment (All Strands)

How do I apply for the program?

All students who wish to attend magnet programs must submit a Magnet School Application by the December deadline. Magnet applications must be submitted electronically. Links to magnet applications are available on the Newport News Public Schools website at www.nnschools.org/magnet. For additional assistance, please contact the NNPS Magnet Office at 757-283-7850 ext. #10206.

Transportation is provided to all magnet program students who reside in Newport News.

GOVERNOR'S
Health Sciences
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How can I find additional information?

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