Virginia Board of Education Agenda Item

Agenda Item: G **Date:** May 23, 2013

Title	First Review Proposal to Establish the Gloucester County Public Schools and Mathews County Public Schools Governor's Health Sciences Academy		
Presenter	Ms. Lolita B. Hall, Director, Office of Career and Technical Education Services Dr. Paul D. McLean, Supervisor, Career and Technical Education, Gloucester County Public Schools		
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Purpose of Presentation:
Other initiative or requirement. Specify below:
First review of a Proposal to Establish the Gloucester County Public Schools and the Mathews County Public Schools Governor's Health Sciences Academy

Previous Review or Action:
No previous review or action.

Action Requested:
Action will be requested at a future meeting. Specify anticipated date below:
Date: June 27, 2013

Alignment with Board of Education Goals: Please indicate (X) all that apply:

X	Goal 1: Accountability for Student Learning
	Goal 2: Rigorous Standards to Promote College and Career Readiness
X	Goal 3: Expanded Opportunities to Learn
	Goal 4: Nurturing Young Learners
	Goal 5: Highly Qualified and Effective Educators
	Goal 6: Sound Policies for Student Success
	Goal 7: Safe and Secure Schools
	Other Priority or Initiative. Specify:

Background Information and Statutory Authority:
Goal 1: The Academy must meet rigorous criteria established by the Board of Education under the Governor's Science, Technology, Engineering, and Mathematics Academy Program. Students progress in academic and technical knowledge and skills; and their employability knowledge and skills are monitored and measured annually to ensure successful transition to college and career.

Goal 3: The Academy is designed to expand options for students' health science literacy and other critical knowledge, skills, and credentials that will prepare them for high-demand, high-wage and high-skill health sciences careers in Virginia.

On September 7, 2012, the Virginia Department of Education announced planning/implementation grants in the amount of $10,000 each for establishment of Governor's Health Sciences Academies in the eight superintendents' regions. The Governor's Health Sciences Academies shall consist of partnerships of one or more public school divisions or multiple schools within a school division, healthcare institutions, business and industry, and higher education institutions; and offer rigorous academic content with career and technical instruction. The Academy must include specialty programs within the five career pathways.

Health Sciences Career Cluster

Career Pathways	General Description
Therapeutic Services	Care and treat patients to improve their health over time. Counsel patients and provide them the tools needed to live a healthier and problem-free lifestyle.
Diagnostic Services	Use tests and evaluations to aid in the detection, diagnosis and treatment of diseases, injuries or other physical conditions.
Health Informatics	Manage health care agencies by overseeing all patient data, financial information and technological applications to health care processes and procedures.
Support Services	Assist health care professionals with a range of administrative and maintenance duties to ensure that the health care environment is maintained.
Biotechnology Research and Development	Discover new treatments and medical technologies to improve human health and advance the overall health science field.

At least two of the health sciences career pathways must be implemented initially. The remaining three pathways must be fully articulated and implemented within the next three years. Also, the Academy must agree to participate in the Governor's Exemplary Standards Award Program.

The State Council of Higher Education for Virginia (SCHEV) is currently reviewing the attached proposal. Their report and recommendation is expected by June 5 prior to final review of the proposal by the Board of Education (Attachment B). Staff members of the Virginia Department of Education (VDOE) have reviewed the proposal in the context of the established criteria. An executive summary of the proposal is in Attachment A. Attachment C is the report from the review by the VDOE. Attachment D is the complete proposal.

Summary of Important Issues:

This proposal for a Governor's Health Sciences Academy consists of a joint effort between Gloucester County Public Schools and Mathews County Public Schools with partnerships among the Riverside School of Heath Careers, Rappahannock Community College, and New Horizons Regional Education Centers. The Academy will be located on two campuses, Gloucester High School (GHS) and Mathews High School (MHS). Students will participate in Academy courses during the regular school day; however, the MHS students will participate in some classes offered at GHS. When fully implemented, the Academy will have the capacity to enroll 100 students, grades 9-12. Beginning in 2013-14, the Academy will offer the pathway plan of study for Support Services and Therapeutic Services and will accept applications for 40 students. By 2015-16, the Diagnostic Services, Health Informatics, and Biotechnology Research and Development pathways will be fully implemented.

Through strong partnerships with Riverside School of Health Careers and Riverside Walter Reed Hospital, students will participate in work-based learning experiences that will include supervised internships, job shadowing, and mentoring in a variety of health care fields. Preparation for career exploration and the process of choosing a career pathway will begin during middle school. The

Academy will target potential students through enriched exploratory activities. These activities may include, but not be limited to, career and skill assessments, Gloucester County Public Schools (GCPS)/MHS Riverside Medical Careers Explorers Post, Academy orientations, and open house programs. The GCPS/MHS Riverside Medical Careers Explorers Post program will help bridge the gap between education and application. Students in the program will meet monthly at the hospital for a business meeting. During a portion of the meeting, students will observe and participate in activities with the therapy department (physical therapy, occupational therapy, and speech therapy). Shadowing opportunities for advanced Academy students are being planned to develop a mentorship with healthcare professionals at the Riverside Walter Reed facility in Gloucester. For more details refer to Appendix B.

Each of the five health sciences pathways are articulated with a postsecondary institution which will provide students an opportunity to earn a minimum of nine dual-enrollment credits. A goal of the Academy is to have at least 50 percent of its students earning dual-enrollment credit by 2014-15.

Projected job growth between 2010 and 2018 will be more than 6,700 new health care positions opening up on the Greater Peninsula, an estimated growth of 30.24 percent (Peninsula Council for Workforce Development, 2012). Health care and social assistance occupations are a large portion of the total work force on the Greater Peninsula. According to the Virginia Employment Commission, 2nd quarter 2011 data, these positions represent 9-, 10-, and 12 percent of the total work force in Williamsburg/James City County, Hampton, and Newport News, respectively. The highest expected entry-level growth occupations on the Greater Peninsula are in Therapeutic and Support Services which includes occupations such as physical therapy assistants, physical therapy aides, personal care aides, home health aides, and medical assistants. The demand for these positions is expected to increase between 36 to 60 percent over the next six years. New jobs for registered nurses, dentists, pharmacists, and optometrists will also be in high demand. The Governor's Health Sciences Academy will help to bridge training and preparation for students to gain access to career pathways that prepare them for high-demand, high-skill, and high-wage careers.

Impact on Fiscal and Human Resources:
Funding for implementation must be provided at the local level.

Timetable for Further Review/Action:
The proposed beginning date for the Gloucester County Public Schools and the Mathews County Public Schools Governor's Health Sciences Academy, is school year 2013-14.

Superintendent's Recommendation:
The Superintendent of Public Instruction recommends that the Board of Education accept for first review the proposal to establish the Gloucester County Public Schools and the Mathews County Public Schools Governor's Health Sciences Academy.

Gloucester County Public Schools
&
Mathews County Public Schools

Governor's Health Sciences Academy
Executive Summary
May 6, 2013

Partnership: Gloucester County Public Schools, Mathews County Public Schools, Riverside School of Health Careers, Rappahannock Community College, and New Horizons Regional Education Centers.

Lead/Fiscal Agent: Gloucester County Public Schools

Lead Contact Person:
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Academy Locations: The Academy will have campuses at Gloucester High School in Gloucester County and Mathews High School in Mathews County.

Number Students: The Governor's Health Sciences Academy will have the capacity to enroll 100 students, grades 9-12. During the initial school year (2013-2014) applications will be accepted for 40 students.

Career Pathways:
Support Services (2013-2014)
Therapeutic Services (2013-2014)
Diagnostic Services (2015-2016)
Health Informatics (2015-2016)
Biotechnology Research and Development (2015-2016)

Academy Goals and Description: The overall goals of the Governor's Health Sciences Academy are to provide expanded options for students' health science literacy and other critical knowledge, skills, and credentials that will prepare them for high-demand, high-wage, and high-skills health sciences careers in Virginia.

Specific Governor's Health Sciences Academy objectives include:

1. *Improve academic achievement of Academy students by increasing academic rigor and relevance within selected pathways.*

- Increase by 20 percent the number of students taking advanced mathematics options beyond Algebra II upon graduation.
- Increase by 20 percent the number of students taking four years of science upon graduation.
- Increase by 20 percent the number of Academy students meeting the requirements of the Advanced Studies Diploma.

2. *Increase completion of dual-enrollment courses.*
   - Each Academy pathway is articulated with a postsecondary institution, with the potential to earn a minimum of nine dual-enrollment credits.
   - Dual-enrollment status within Gloucester County CTE programs has increased in 2013. An increase in student enrollment within these programs is a direct result of the partnership with Rappahannock Community College (RCC). The Academy plans to have at least 50 percent of its students earning dual-enrollment credit in the 2014-2015 school year.
3. *Provide work-based learning experiences through strong partnerships with Riverside School of Health Careers and Riverside Walter Reed Hospital.*
   - Attract students to enroll in Academy pathway programs and strengthen student preparation by making work-based learning experiences available to Academy students.
   - Work-based learning experiences will include: supervised internships, job shadowing, mentoring, simulations, project-based learning, and guest speakers.
4. *Increase high school graduation rates.*
   - Increase the high school graduation rate by 0.5 percent over the previous year, beginning with the class of 2017.
5. *Reduce dropout rates.*
   - Reduce dropout rates by 0.5 percent over the previous year, beginning with the class of 2017.
6. *Increase enrollment and retention in postsecondary education.*
   - Students will have an opportunity to earn at least nine college credits as defined in the Commonwealth's Early College Scholars Initiative, giving Academy students a community college transcript prior to graduating from high school.
   - Academy completers will be surveyed to determine successful enrollment and retention in postsecondary institutions annually, beginning with Academy students in 2017-2018.
   - Increase Academy completer transition to postsecondary institutions by 10 percent beginning in 2017-2018.
7. *Increase the proportion of students completing a college and Work-Based Learning curriculum in high school.*
   - Increase enrollment in Academy programs annually by 10 percent.
   - Baseline data will be established in the 2016-2017 school year, with criteria including: diploma type, dual-enrollment credit earned, program completer status, and industry credentials earned.
8. *Reduce the proportion of students requiring remediation in college.*
   - Academy students will successfully pass the college-level English and Mathematics placement tests, Virginia Placement Test (VPT) as a criterion for continued enrollment in Academy programs and will, therefore, reduce the need for college remediation for Academy students.
   - Preparatory and remediation sessions will be provided for students that do not initially pass the college placement tests based on individual student performance on these assessments.
   - The Academy student support structure will help ease postsecondary enrollment transition and improve retention strategies by working with students individually on a case-by-case basis.
9. *Increase the number of industry certifications awarded to high school students.*

- Baseline data for industry certifications will be established beginning in the 2016-2017 school year, with the criterion to include industry licensure and credentials earned.
- Increase in 2017-2018 by 20 percent the number of Academy students earning industry credentials or licensures to provide well-trained workers to benefit the Greater Peninsula work force and to meet employment needs across the Commonwealth.

10. *Increase the number of graduates employed in high-wage, high-skilled careers.*
    - Seventy percent of Academy graduates will enter postsecondary education or obtain employment within identified career pathways.

Program Highlights:

As a result of participating in the Governor's Health Sciences Academy, students will:

- Gain a deeper understanding of the skills and knowledge incorporated in their health sciences fields of study;
- Benefit from specialized, project-based courses which develop critical-thinking, problem-solving, and decision-making skills, preparing them for the 21st century world;
- Acquire greater communication and collaborative skills;
- Develop workplace readiness skills;
- Receive opportunities to earn industry certifications preparing them to be more competitive in the work force and when applying to advanced training schools or postsecondary institutions;
- Obtain meaningful hands-on experiences in their career pathway studies; and
- Benefit from opportunities for internships, mentorships, clinical, and cooperative experiences, providing the student with an advantage when entering postsecondary education and/or the workplace.

Attachment B

The State Council of Higher Education for Virginia (SCHEV)

Review of the Gloucester County Public Schools and Mathews County Public Schools
Governor's Health Sciences Academy

NOTE: The SCHEV staff is currently reviewing the proposal. The report and recommendation will be provided prior to the final review of the proposal by the Board of Education.

Virginia Department of Education
Governor's Academy for
Health Sciences Planning Grant
Proposal Review Checklist

For

Gloucester County Public Schools
And
Mathews County Public Schools

Governor's Health Sciences Academy

Virginia Department of Education
Governor's Academy for Health Sciences
Planning Grant Proposal Review Checklist

I. Partnership Capacity

Partnerships desiring to implement a Governor's Academy for Health Sciences shall provide the Department of Education with evidence of the following:

Criteria	Documentation			Comments
	Full	Partial	None	
A. An active, ongoing planning committee, including a list of members and signed certifications from each that they are willing and able to serve in that capacity. At a minimum, members must represent regional K-12 education (superintendents or designee), higher education, healthcare agencies, and business and industry. All partners must be represented on the committee.	X			
B. An advisory committee, including a list of members and signed certifications from each that they are willing and able to serve in the capacity.	X			
C. A written memorandum of agreement among school divisions, local businesses, postsecondary institutions, and any other partners that outlines ways in which community resources will contribute to the Governor's Academy for Health Sciences to broaden the scope of students' educational experiences.	X			
D. A statement of assurances that the Governor's Academy for Health Sciences Planning Committee has reviewed provisions of *Administrative Procedures Guide for the Establishment of Governor's Academies for Health Sciences* and agrees to follow the guidelines set forth in the document (see appendix).	X			

Criteria	Documentation			Comments
	Full	Partial	None	
E. A statement of assurances that an ongoing Governing Board will be established to reflect current Board of Education regulations relative to jointly operated schools and programs.		X		
Comments:				

II. Need/Rationale for the Academy

Partnerships desiring to implement a Governor's Academy for Health Sciences shall provide the Department of Education with evidence of the following:

Criteria	Documentation			Comments
	Full	Partial	None	
A. Demonstration of the need/rationale for the Academy. This statement should be concise and state the major reasons to have a Governor's Academy for Health Sciences, including need at the state, regional, and local levels.	X			
B. A description of the enhanced or additional offerings in health sciences as well as in career and technical education that will meet the need described above.	X			
C. A fiscal agent that is a school division, including a certification that the division is willing and able to serve in that capacity.	X			
Comments:				

III. Program Description

Each regional Governor's Academy for Health Sciences planning committee shall develop cooperatively with at least two or more school divisions, business and industry, community, healthcare agencies, and higher education partners and have available for review and dissemination, a program description.

A. A statement of program goals addressing the following criteria:

Criteria	Documentation			Comments
	Full	Partial	None	
1. Rigorous academic content with career and technical instruction.	X			
2. For year one of implementation, at least two of the five pathways for health sciences are well articulated and fully developed and available to students. The remaining three pathways must be fully articulated and implemented within the next three years.	X			
3. Individualized high school plans to ensure course selections that are aligned with students' transition and career goals after high school.	X			
4. Evidence that graduates will complete a college and career readiness curriculum for a particular health science career pathway.	X			
5. Incorporation of *Virginia's Workplace Readiness Skills for the Commonwealth*.	X			
Comments:				

B. A statement of program objectives and performance measures to:

Criteria	Documentation			Comments
	Full	Partial	None	
1. Improve academic achievement of Academy students;	X			
2. Increase completion of dual enrollment courses;	X			
3. Provide work-based experiences for students through strong partnerships with businesses;	X			
4. Increase high school graduation rates;	X			
5. Reduce dropout rates;	X			
6. Increase enrollment and retention in postsecondary education;	X			
7. Increase the proportion of students completing a college and career readiness curriculum in high school;	X			
8. Reduce the proportion of students requiring remediation in college;	X			
9. Increase the number of industry certifications awarded to high school students; and	X			
10. Increase the number of graduates employed in high-wage, high-demand and high-skill careers.	X			
Comments:				

C. A brief description of the proposed program, including:

Criteria	Documentation			Comments
	Full	Partial	None	
1. Site location;	X			
2. Number of students to be served;	X			
3. Grade levels;	X			
4. Curriculum design including CTE and academic;	X			
5. List of courses to be delivered;				
6. Description of how/where the courses will be delivered. Courses may be delivered on a high school, technical center or community college campus, online, or in other innovative ways; and	X			
7. Designation of full-day or part-day, academic-year program.	X			
Comments:				

D. Evidence of participation in the Governor's Exemplary Standards Award Program for Career and Technical Education:

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

E. Program and course descriptions:

E.1. For year one of implementation, at least two of the five well-articulated career pathways in health sciences must be available for students. The remaining three health sciences pathways must be implemented within the next three years.

Each of the five health science pathways must meet the following criteria:

Criteria	Documentation			Comments
	Full	Partial	None	
Pathway #1 – Therapeutic Services				
a. Must include opportunities to earn industry credentials, postsecondary certificates, diplomas or associate degrees while in high school and pursue additional industry credentials and academic degrees at the associate, bachelors and graduate levels.	X			
b. Must be in a high demand health science field identified by a statewide authority or organization, such as the Virginia Economic Development Partnership as a strategic growth area for Virginia, or	X			
c. Must address regional and local work force demand in high-wage, high-skill occupations as identified by employers and work force officials.	X			
d. This career pathway should drive the innovative capacity of the region and/or state.	X			
Comments:				

Criteria	Documentation			Comments
	Full	Partial	None	
Pathway #2 – Diagnostic Services				
a. Must include opportunities to earn industry credentials, postsecondary certificates, diplomas or associate degrees while in high school and pursue additional industry credentials and academic degrees at the associate, bachelors and graduate levels.	X			
b. Must be in a demanded health science field identified by a statewide authority or organization, such as the Virginia Economic Development Partnership as a strategic growth area for Virginia, or	X			
c. Must address regional and local work force demand in high-wage, high-skill occupations as identified by employers and work force officials.	X			
d. This career pathway should drive the innovative capacity of the region and/or state.	X			
Comments:				

Criteria	Documentation			Comments
	Full	Partial	None	
Pathway #3 – Health Informatics				
a. Must include opportunities to earn industry credentials, postsecondary certificates, diplomas or associate degrees while in high school and pursue additional industry credentials and academic degrees at the associate, bachelors and graduate levels.	X			
b. Must be in a demanded health science field identified by a statewide authority or organization, such as the Virginia Economic Development Partnership as a strategic growth area for Virginia, or	X			
c. Must address regional and local work force demand in high-wage, high-skill occupations as identified by employers and work force officials.	X			
d. This career pathway should drive the innovative capacity of the region and/or state.	X			
Comments:				

Criteria	Documentation			Comments
	Full	Partial	None	
Pathway #4 – Support Services				
a. Must include opportunities to earn industry credentials, postsecondary certificates, diplomas or associate degrees while in high school and pursue additional industry credentials and academic degrees at the associate, bachelors and graduate levels.	X			
b. Must be in a demanded health science field identified by a statewide authority or organization, such as the Virginia Economic Development Partnership as a strategic growth area for Virginia, or	X			
c. Must address regional and local work force demand in high-wage, high-skill occupations as identified by employers and work force officials.	X			
d. This career pathway should drive the innovative capacity of the region and/or state.	X			
Comments:				

Criteria	Documentation			Comments
	Full	Partial	None	
Pathway #5 – Biotechnology Research and Development				
a. Must include opportunities to earn industry credentials, postsecondary certificates, diplomas or associate degrees while in high school and pursue additional industry credentials and academic degrees at the associate, bachelors and graduate levels.	X			
b. Must be in a demanded health science field identified by a statewide authority or organization, such as the Virginia Economic Development Partnership as a strategic growth area for Virginia, or	X			
c. Must address regional and local work force demand in high-wage, high-skill occupations as identified by employers and work force officials.	X			
d. This career pathway should drive the innovative capacity of the region and/or state.	X			
Comments:				

E.2. List of all requirements for successful program completion:

Requirement for Program Completion	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

E.3. Academy graduates must achieve one or more of the following benchmarks:

Criteria	Documentation			Comments
	Full	Partial	None	
a. Earn one or more industry certifications or state occupational licenses, and/or demonstrate competencies on an assessment instrument recognized by postsecondary institutions such as CLEP examinations, collaboratively designed or mutually approved end-of-course tests, college placement tests, or student portfolios reviewed by a team of college and high school faculty; **or**	X			
b. Earn at least nine transferable college credits as defined in the Early College Scholars program (includes dual enrollment, AP and other options); **or**	X			
c. Earn an Associate Degree.	X			
Comments:				

E.4. Significant work-based experience must be included representing additional instruction or training beyond the classroom such as:

Criteria	Documentation			Comments
	Full	Partial	None	
a. Cooperative Education; **or**	X			
b. Internships; **or**	X			
c. Job Shadowing; **or**	X			
d. Mentorships; **or**	X			
e. Project-based learning; **or**	X			
f. Service learning; **or**	X			
g. A combination of the above.				
Comments:				

F. Length of program and daily schedule
Governor's Academies for Health Sciences are defined by program content, not by the location or delivery system of courses. Evidence of the following must be submitted:

Comments	Documentation			Comments
	Full	Partial	None	
Designation of full-day or part-day, academic-year program.	X			

G. Assurance from the fiscal agent that on-going operating funds and facilities are available to support the Governor's Academy for Health Sciences and are adequate to meet the needs of the program.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			

H. Materials and equipment to be provided to accomplish program goals and objectives.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			

I. A brief description of the proposed program, including:

Criteria	Documentation			Comments
	Full	Partial	None	
1. A review of the Academy's policies, procedures, and outcomes;	X			
2. A review of the program design and instructional delivery;	X			
3. Consideration of feedback from students, staff, parents, the community, and partnership members, and	X			
4. Annual collection and reporting of data to the Department of Education related to student achievement, goal achievement, and other indicators.	X			
Comments:				

IV. Administrative Procedures

Each Governor's Academy for Health Sciences must develop and maintain procedures developed cooperatively with participation partners. There should be evidence of procedures in the seven areas that follow:

A. Partnerships – The role of business and industry, public school divisions, health science related agencies, and postsecondary institutions in the partnership, and where appropriate, should include the role of work force and economic development entities.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

B. Student recruitment, selection criteria, and admissions.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

C. Code of student conduct and attendance.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

D. Transportation provided by the appropriate school division is in compliance with all applicable federal and state regulations.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

E. Staff recruitment, selection, and assignment – The Governor's Academy for Health Sciences shall hire staff members who meet the Virginia teacher licensure requirements and/or postsecondary faculty qualifications. Where applicable, they must have industry-specific education with training and experience, including industry certification.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

F. Staff development – The program will provide appropriate staff training in addition to staff instructional planning time.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

G. Staff evaluation – Staff will be evaluated according to the human resources policies of the agency or institution employment Academy personnel.

Evidence	Documentation			Comments
	Full	Partial	None	
	X			
Comments:				

H. Parent, student and community involvement

Criteria	Documentation			Comments
	Full	Partial	None	
1. Preparation for entering the Academy should begin by eighth grade.	X			
2. Students, parents, teachers, and school counselors should work collaboratively to: a. Complete career interest inventories;	X			
b. Prepare academic and career plans outlining an intended course of study in high school;	X			
c. Review multiple postsecondary pathways and the steps required to pursue them;	X			
d. Participate in career assessments to identify areas students should strengthen to qualify for their selected health science pathway; and	X			
e. Discuss available diplomas, seals and other recognitions including admission to specialized programs such as Governor's Academies.	X			
Comments:				

V. Documentation of insurance, budget, and other fiscal information:

Criteria	Documentation			Comments
	Full	Partial	None	
Insurance	X			
Budget (from appendix)	X			
Budget Narrative	X			
Other				
Comments:				

Attachment D

Proposal to Establish a

Governor's Health Sciences Academy

2013-14

Gloucester High School

and

Mathews High School

SUBMITTED TO THE
VIRGINIA DEPARTMENT OF EDUCATION
May 23, 2013

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Gloucester High School and Mathews High School

I. Introduction

The Governor's Health Sciences Academy (GHSA) will serve students in Gloucester County Public Schools and Mathews County Public Schools; will provide expanded options for students' health science literacy and other critical knowledge, skills, and credentials that will prepare them for high-demand, high-wage, and high-skill health sciences careers in Virginia; and will provide a comprehensive career readiness curriculum including rigorous academic content in five health sciences career pathways:

- Therapeutic Services
- Support Services
- Health Informatics
- Diagnostic Services
- Biotechnology Research and Development.

II. The Role of the Department of Education

The Virginia Department of Education will serve as a resource for the Governor's Health Sciences Academy, providing technical assistance related to program and curriculum design, instructional strategies, and evaluation.

III. Program Description

A. Rationale

This Governor's Health Sciences Academy will address the need for enhanced academically rigorous and work-based health sciences career pathways for Gloucester and Mathews High School Academy students and for the projected job growth between 2010 and 2018 for healthcare workers in the Commonwealth of Virginia. Health care and social assistance occupations are a large portion of the total work force on the Greater Peninsula. These positions represent 9 percent, 10 percent, and 12 percent of the total work force in James City County, Hampton and Newport News, respectively.[1] Between 2010 and 2018 there are expected to be 6,779 new healthcare positions opening up on the Greater Peninsula. That's an estimated growth of 30.24 percent. With almost 25 percent of workers in the healthcare field 55 or older as of March 2011, retiring workers will leave their positions,

[1] VA Employment Commission, 2nd quarter 2011 data

creating more opportunities for entry-level applicants.[2] That's an estimated growth of 30.24 percent.[3]

B. Program Goals

The Governor's Health Sciences Academy will offer a program designed to expand options for students to acquire skills in Health Sciences. The program combines rigorous academic coursework and research experience within a challenging and focused environment to prepare Academy students for 21st century health sciences careers. The courses students choose will equip them with the skills they will need for success in their chosen careers.

The Governor's Health Sciences Academy will launch with two career pathways and will expand to include the other three career pathways by the end of the third year. The new Governor's Health Sciences Academy will initially offer career pathways in **Therapeutic Services** and **Support Services**.

Career Pathway	Year of Implementation
Support Services	2013-2014
Therapeutic Services	2013-2014
Diagnostic Services	2015-2016
Health Informatics	2015-2016
Biotechnology Research and Development	2015-2016

Through these entry level pathways, students will gain access to career pathways that prepare them for high-wage, high-demand careers. This Academy will satisfy a need identified by a study conducted by the Peninsula Council for Work force Development. The study called for additional programs that create a bridge to career pathways in upper-level positions.

The highest expected entry-level growth occupations on the Greater Peninsula are in Therapeutic and Support Services; which includes occupations such as: physical therapy assistants, physical therapy aides, personal care aides, home health aides, and medical assistants. Demand for these five positions is expected to increase by between 36 percent and 60 percent over the next six years in the Greater Peninsula area. New jobs for registered nurses should increase in the next couple of years, with a projected job growth of 26 percent from 2010 to 2020.[4] Dentists and physical therapists also will be in high demand. As baby boomers get older, they will need more complex dental work and physical therapy. A significant number of pharmacists are projected to retire within the next 10 years, increasing job prospects for pharmacists. Other reasons for increased growth for pharmacists'

[2] US Census Bureau, Local Employment Dynamics, Program, 1st Quarter 2011
[3] VA Employment Commission
[4] VA Employment Commission

jobs include the increasing use of medicine and insurance companies' coverage. Jobs for optometrists are expected to grow much faster than the average for all occupations from 2010 to 2020.[5]

In coordination with Gloucester County Public Schools' school counseling services, individualized high school plans are initiated in a variety of ways. Academic and career plans are developed in middle school to help outline course selection in preparation for high school entrance and beyond. A three-step process is outlined within the program of studies, including

1) selecting a career cluster or pathway;
2) deciding upon a diploma type; and
3) choosing courses related to the career pathway and diploma choice.

The Advanced Studies diploma will reflect the same academic rigor of the current diploma options, with a focus on CTE. Each individualized high school plan will be developed for all Governor's Health Sciences Academy students with parent input.

The GHSA will ensure that graduates complete a college and career readiness curriculum for one of the five health sciences career pathways and incorporate Virginia's Workplace Readiness Skills for the Commonwealth.

C. Program Objectives

The Governor's Health Sciences Academy will address the program objectives outlined in the Virginia Board of Education's Criteria for Governor's Health Sciences Academy. Baseline data will be collected during the 2013-2014 school year.

Data will be evaluated annually and performance measures will be adjusted as necessary. The Governor's Health Sciences Academy goals and performance measures are outlined below:

1. *Improve academic achievement of Academy students by increasing academic rigor and relevance within selected pathways.*
   - Increase by 20 percent the number of students taking advanced mathematics options beyond Algebra II upon graduation.
   - Increase by 20 percent the number of students taking four years of science upon graduation.
   - Increase by 20 percent the number of Academy students meeting the requirements of the Advanced Studies Diploma.
2. *Increase completion of dual-enrollment courses.*
   - Each Academy pathway is articulated with a postsecondary institution, with the potential to earn a minimum of nine dual-enrollment credits.
   - Dual-enrollment status within Gloucester County CTE programs has increased in 2013. An increase in student enrollment within these programs is a direct result

[5] U.S. Department of Labor

of the partnership with Rappahannock Community College (RCC). The Academy plans to have at least 50 percent of its students earning dual-enrollment credit in the 2014-2015 school year.

3. *Provide work-based learning experiences through strong partnerships with Riverside School of Health Careers and Riverside Walter Reed Hospital.*
   - Attract students to enroll in Academy pathway programs and strengthen student preparation by making work-based learning experiences available to Academy students.
   - Work-based learning experiences will include: supervised internships, job shadowing, mentoring, simulations, project-based learning, and guest speakers.
4. *Increase high school graduation rates.*
   - Increase the high school graduation rate by 0.5 percent over the previous year, beginning with the class of 2017.
5. *Reduce dropout rates.*
   - Reduce dropout rates by 0.5 percent over the previous year, beginning with the class of 2017.
6. *Increase enrollment and retention in postsecondary education.*
   - Students will have an opportunity to earn at least nine college credits as defined in the Commonwealth's Early College Scholars Initiative, giving Academy students a community college transcript prior to graduating from high school.
   - Academy completers will be surveyed to determine successful enrollment and retention in postsecondary institutions annually, beginning with Academy students in 2017-2018.
   - Increase Academy completer transition to postsecondary institutions by 10 percent beginning in 2017-2018.
7. *Increase the proportion of students completing a college and work based learning curriculum in high school.*
   - Increase enrollment in Academy programs annually by 10 percent.
   - Baseline data will be established in the 2016-2017 school year, with criteria including: diploma type, dual-enrollment credit earned, program completer status, and industry credentials earned.
8. *Reduce the proportion of students requiring remediation in college.*
   - Academy students will successfully pass the college-level English and
   - mathematics placement tests, Virginia Placement Test (VPT) as a criterion for continued enrollment in Academy programs and will, therefore, reduce the need for college remediation for Academy students.
   - Preparatory and remediation sessions will be provided for students that do not initially pass the college placement tests based on individual student performance on these assessments.
   - The Academy student support structure will help ease postsecondary enrollment transition and improve retention strategies by working with students individually on a case-by-case basis.
9. *Increase the number of industry certifications awarded to high school students.*

- Baseline data for industry certifications will be established beginning in the 2016-2017 school year, with the criterion to include industry licensure and credentials earned.
- Increase in 2017-2018 by 20 percent the number of Academy students earning industry credentials or licensures to provide well-trained workers to benefit the Greater Peninsula work force and to meet employment needs across the Commonwealth.

10. Increase the number of graduates employed in high-wage, high-skilled careers.

- Seventy percent of Academy graduates will enter postsecondary education or obtain employment within identified career pathways.

Baseline Data

Baseline data will be established in the 2013-2014 school year, with the criterion related to the increasing academic rigor, including industry licensure and credentials earned.

Gloucester High School Data

School Division	School	Test Scores 2011-2012	Subject Area	Pass Rate
Gloucester County Public Schools	Gloucester High School	SOL	English: Reading	96
			English: Writing	96
			Mathematics	55
			History and Social Science	83
			Science	94

Program	Credential Type	2010-2011	2011-2012
Career and Technical Education Gloucester High School	NOCTI Assessments	28	49
	State Licensures	12	33
	Industry Certification	33	22
	Workplace Readiness	0	305
	Total Credentials Earned	73	409
	Students Earning One or More Credentials	73	344

Program Completion	Credential Type	Count/Percentage		
		2009-2010	2010-2011	2011-2012
	Advanced Diploma	179/39.8 percent	221/42.2 percent	162/34.9 percent
	GED/ISAEP	24/5.33 percent	<	<
	Modified Standard Diploma	-	<	<
	Special Diploma	17/3.78 percent	14/2.67 percent	22/4.75 percent
	Standard Diploma	227/50.4 percent	278/53 percent	272/58.7 percent

School Advanced Information	Program Type	Count/Percentage		
		2009-2010	2010-2011	2011-2012
	Advanced Placement Test Taken Preliminary Results	76/3.78 percent	45/2.24 percent	75/3.98 percent
	Advanced Placement course enrollment	117/5.82 percent	136/6.78 percent	109/5.79 percent
	Dual Enrollment courses taken	443/22.04 percent	242/12.1 percent	205/10.9 percent
	Governor's School enrollment	-	-	22/1.17 percent

Key: < = A group below state definition for personally identifiable results
- = No data for group
* = Data not yet available
*Attribute to/cite VDOE School Report Card.

Mathews High School Data

School Division	School	Test Scores 2011-2012	Subject Area	Pass Rate
Mathews County Public Schools	Mathews High School	SOL	English: Reading	99
			English: Writing	95
			Mathematics	58
			History and Social Science	80
			Science	91

Program	Credential Type	2010-2011	2011-2012
Career and Technical Education Mathews High School	NOCTI Assessments	0	0
	State Licensures	0	0
	Industry Certification	32	39
	Workplace Readiness	0	0
	Total Credentials Earned	32	39
	Students Earning One or More Credentials	30	38

Program Completion	Credential Type	Count/Percentage		
		2009-2010	2010-2011	2011-2012
	Advanced Diploma	59/54.1 percent	64/57.1 percent	55/54.5 percent
	GED/ISAEP	<	<	-
	Modified Standard Diploma	-	<	<
	Special Diploma	<	<	<
	Standard Diploma	43/39.45 percent	38/33.9 percent	39/38.6 percent

School Advanced Information	Program Type	Count/Percentage		
		2009-2010	2010-2011	2011-2012
	Advanced Placement Test Taken Preliminary Results	58/13.5 percent	70/16.5 percent	37/8.69 percent
	Advanced Placement course enrollment	58/13.5 percent	70/16.5 percent	39/9.15 percent
	Dual Enrollment courses taken	63/14.7 percent	106/25 percent	43/10.1 percent
	Governor's School enrollment	12/2.8 percent	18/4.3 percent	18/4.2 percent

Key: < = A group below state definition for personally identifiable results
- = No data for group
* = Data not yet available
*Attribute to/cite VDOE School Report Card.

D. Governor's Exemplary Standards Award Program

The Governor's Health Sciences Academy will participate in the Governor's Career and Technical Education Exemplary Standards Awards Program. Additionally, each Academy pathway will self-evaluate per the indicators outlined in the Virginia Governor's CTE Exemplary Standards Award model. The Academy is committed to promoting hig academic standards and improving other measures of program quality while strengthening our business and community partnerships and aligning with postsecondary education and industry needs.

E. Program and Course Description

1. The Governor's Health Sciences Academy will launch two of the five well-articulated health sciences career pathways and will expand to include three other career pathways by the end of 2015-2016. The Governor's Health Sciences Academy will initially offer career pathways in **Therapeutic Services** and **Support Services**. For year one of implementation, two of the five well-articulated pathways will be available to students and will meet the following criteria:
   a. Each career pathway will include opportunities for students to earn industry credentials, postsecondary certificates, diplomas or associate degrees while in high school and pursue additional industry credentials and academic degrees at the associate, bachelors, and graduate levels. The five pathways in the health sciences career clusters are: therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development (See Plans of Study Appendix A).
   b. The career pathways will be identified by a statewide authority or organization, such as the Virginia Department of Education, as a strategic growth area for the region in Virginia. The pathways will address regional and local work force demand in high-wage, high-skill health science occupations and careers as identified by employers and work force officials.
   c. These career pathways should drive the innovative capacity of the region and/or the state.

2. Academy graduates will achieve one or more of the following benchmarks:
   a. Earn one or more industry certifications or state occupational licenses, and/or demonstrate competencies on an assessment instrument recognized by postsecondary institutions such as College Level Examination Program (CLEP) examinations or Uniform Certificate of General Studies, collaboratively designed or mutually approved end-of course tests, college placement tests, or student portfolios reviewed by a team of college and high school faculty; or
   b. Earn at least nine college credits as defined in the Early College Scholars program (includes dual-enrollment, Advanced Placement and other options); or
   c. Earn an Associate Degree.

3. Significant work-based experience may include:
    a. Additional instruction or training beyond the classroom;
    b. Cooperative Education;
    c. Internships;
    d. Job Shadowing;
    e. Mentorships;
    f. Project-based learning;
    g. Service learning; or
    h. A combination of the above.

The Governor's Health Sciences Academy will be located in Gloucester, at Gloucester High School. Students from Gloucester High School and Mathews High School will attend Academy courses during the regular school day. Students from Mathews High School will be bused to Gloucester High School to attend some classes.

Due to clinical requirements and/or credentialing, Academy students in the Diagnostic and Therapeutic Services pathways of the Health Sciences cluster may have an extended program through the summer. The general curriculum design would allow students to take a sequence of elective courses to develop their specialization area, but Academy students are directed to follow their individualized plan of study.

The proposed number of students to be served, based on current projections, will be approximately 40 students for the 2013-2014 school year. Our estimated projections consider an increase within the targeted pathways of 25 percent, which is based on three-year Gloucester County Public Schools student enrollment figures. The enrollment figures used are: 2010–5,919; 2011–5,850; and 2012–5,513. Freshmen will apply through the GHS and MHS Introduction to Health and Medical Science course. Students who maintain Academy academic, attendance, and behavioral requirements will continue into their sophomore year and take Medical Terminology. Students will then apply for a formal health sciences career pathway during their sophomore year scheduling. This will also allow non-GHSA students an opportunity to apply and enter the GHSA as juniors, as they will still be able to complete most of GHSA pathways, such as Certified Nursing Assistant (CNA), Entrepreneur I & II, and other health sciences courses offered at New Horizons Regional Education Centers (NHREC). All students, regardless of the year of entry into the GHSA, will be reviewed at the end of each school year to ensure continuation in the Academy. Minimum academic, attendance, and behavioral requirements must be met yearly.

Preparation for career exploration and the process of choosing a career pathway will begin during middle school. The Academy will target potential students through enriched exploratory activities. These activities may include career and skill assessments, GCPS/MHS Riverside Medical Careers Explorers Post, Academy orientations and open houses. All of these activities will give Academy students an opportunity to discover career pathways.

The GCPS/MHS Riverside Medical Careers Explorers Post program will help bridge the gap between education and application. Students who participate in the program will meet

once a month at the hospital for a business meeting first. During the second half of the meeting, students will be taken to a specific department in the hospital to observe and participate in activities with the therapy department (physical therapy, occupational therapy, and speech). GHSA students will also be taken to the operating room, where they will be shown how to scrub for an operation. Shadowing opportunities for advanced Academy students are being planned to develop a mentorship with healthcare professionals at the Riverside Walter Reed facility in Gloucester (see GCPS/MHS Riverside Medical Careers Post Program Literature−Appendix B).

4. Course Sequence

The courses students choose will equip them with the skills they will need for successful entry in their target careers. Students in the Governor's Health Sciences Academy will be able to progress through a rigorous program of study that combines both academic and career and technical coursework. The Governor's Health Sciences Academy planning committee has selected the following health sciences courses for students enrolled in the Academy:

Health Sciences Career Cluster – Course Sequences

Career Pathway	Health Sciences Courses
Support Services	Exploratory Health and Medical Sciences (8370) Introduction to Health and Medical Sciences (8302) Medical Terminology (8383) Computer Information Systems (6612) Leadership Development (9097)
Therapeutic Services	Exploratory Health and Medical Sciences (8370) Introduction to Health and Medical Sciences (8302) Medical Terminology (8383) Medical Assistant I (8345) Medical Assistant II (8346) Practical Nursing I & II (8357/8358) Practical Nursing III (8359)
Diagnostic Services	Exploratory Health and Medical Sciences (8370) Introduction to Health and Medical Sciences (8302) Medical Terminology (8383) Nursing Assistant (8360) Nursing Assistant (8362)
Health Informatics	Exploratory Health and Medical Sciences (8370) Introduction to Health and Medical Sciences (8302) Medical Terminology (8383) Medical Assistant I (8345) Medical Assistant II (8346) Computer Information Systems (6612) Leadership Development (9097)

Biotechnology Research and Development	Exploratory Health and Medical Sciences (8370) Introduction to Health and Medical Sciences (8302) Medical Terminology (8383) Biotechnology Foundations (9050) Biomedical Technician (8347) Pharmacy Technician I & II (8305/8306)

F. Length of Program and Daily Schedule

1. All Governor's Health Sciences Academy courses will be offered at participating high schools and New Horizons Regional Education Centers in a face-to-face or online blended manner as appropriate, or in other innovative ways. Access to New Horizons Regional Education Centers courses identified in the five health sciences plans of study by Mathews High School students may be limited due to distance and pending interagency agreement.

2. Governor's Health Sciences Academy students will have the opportunity to take specialized courses in part-day, full-year academic programs (see Appendix C–Gloucester and Mathews High School A-B Day Bell Schedule).

G. Related Industry Certifications

Students will have the opportunity to earn industry certifications in the following courses:

Career Mentorship Virginia Workplace Readiness Skills Assessment
Medical Assistant Certified Clinical Medical Assistant
Examination/NOCTI
Nursing Assistant
Pharmacy Technician
Certified Nursing Aide/NOCTI
Va. Pharmacy Tech Exam

H. Assurance from Fiscal Agent

Assurance from the fiscal agent that ongoing operating funds and facilities are available to support the Governor's Health Sciences Academy are adequate to meet the needs of the program (see Appendix D).

I. Materials and Equipment

Materials and equipment will be provided to support program goals and objectives through Gloucester County Public Schools and Mathews County Public Schools Offices of Career and Technical Education. Examples of materials and equipment corresponding with the state equipment lists for CTE courses provided in-kind by partners include: classroom space; use of labs or equipment; professional mentors; assistance with curriculum development and program assessment; funds for start-up of new program areas; funds for staffing; funds for

consumables and equipment; and access to, or donation of medical equipment or furniture.

J. Internal Evaluation

Evidence of an internal evaluation process to effect program improvement will be developed that will provide:

1. A review of the Academy's policies, procedures, and outcomes;

2. A review of the program design and instructional delivery;

3. Consideration of feedback from students, staff, parents, the community, and regional partnership members; and

4. Annual collection and reporting of data to the Department of Education related to student achievement, goal achievement, and other indicators.

IV. Administrative Procedures

Each Governor's Health Sciences Academy will maintain procedures developed cooperatively with participating partners that address the following areas:

A. Partnerships

Students will be given additional instructional enrichment activities while participating in the Governor's Health Sciences Academy to include job shadowing, Career Pathways Internships and mentorship opportunities conducted by our Health Care partners and/or the Peninsula Council for Work force Development.

An extensive partnership with Riverside School of Health Careers, Riverside Regional Medical Center, and the Governor's Health Sciences Academy has been established to provide Academy students the opportunity to participate in a job shadowing experience at Riverside Regional Medical Center. In partnership with the Medical Explorers Post and Riverside School of Health Careers, during the 2013-2014 school year, students (males and females, ages 14-18) will have the opportunity to explore various health careers through hands-on interactions with health care providers currently working in the field. The result of this type of program provides activities that support youth who want to pursue their interest in health care careers, and grow and develop as leaders in their community.

Additional summer opportunities will be available by The Greater Peninsula Summer Camp Series sponsored by the Peninsula Council for Work force Development, which provides a variety of programs to explore career and education opportunities available on the Peninsula. The camps will provide a firsthand look at the jobs and career pipelines available in the Health Care Industry for current and graduating students. Scheduled throughout the

summer, the camps will feature presentations by local educators and industry leaders, roundtable discussions, and on-site visits to industry and business, all courtesy of its participating partners. Organized by the Peninsula Council for Work force Development, Thomas Nelson Community College, New Horizons Regional Education Centers, ECPI University, and industry partners, the camps will provide students with important information, take-away resources, and a better understanding of industries currently facing continual growth and the demand for a qualified work force in the Health Care industry (see Appendix E-Peninsula Council for Work force Development Summer Camp Series). Through a partnership with Gloucester County Public Schools, the Peninsula Council for Work force Development also sponsors the Youth Career Café located in Patrick Henry Mall in Newport News, which provides health career workshops, career speakers, résumé development support, and tutoring for students, at no cost (see Appendix F-Youth Career Café).

The Governor's Health Sciences Academy students will participate in various school organizations that will provide educational and leadership development activities such as the Health Occupation Student Association (HOSA). Establishing the Governor's Health Sciences Academy will allow for increased student interest and the opportunity to increase participation in Health Science related student organizations.

The role of healthcare agencies, business and industry, public school divisions, and postsecondary institutions in the partnership are outlined in the Governor's Health Sciences Academy Planning/Advisory Committee table listing (see Appendix G).

B. Student Recruitment, Selection Criteria, and Admissions

GHSA students will be recruited, selected, and admitted to the Academy using the follow criteria:

- Sincere interest in the field of Health and Medical Sciences
- GPA 2.75 or higher
- Two teacher recommendations
- One counselor recommendation
- Eighth-grade SOL scores
- No major disciplinary actions
- Above-average attendance record
- Completion of entire application packet (see Appendix H−Admissions Agreement/Application).

C. Code of Student Conduct and Attendance

Academy students will be governed by the GCPS Student Code of Conduct, which outlines the division's policies regarding conduct and attendance (see Appendix I−Student Code of Conduct).

D. Transportation

Academy transportation services will be provided by the appropriate school division in compliance with all applicable federal and state regulations.

E. Staff Recruitment, Selection and Aaaignment

The Governor's Health Sciences Academy will hire personnel who meet the Virginia teacher licensure requirements and/or postsecondary faculty qualifications. Where applicable, personnel will be required to have industry-specific education with training and experience, including industry certification.

F. Staff Development

The program will provide appropriate staff training in addition to staff planning time. Academy teachers will be given the opportunity to participate in engaging health sciences professional development activities. Teachers will participate in available summer institutes, conferences, workshops, and in-building professional development opportunities to expand their use of project-based and experiential learning strategies related to the health sciences.

G. Staff Evaluation

Academy staff will be evaluated according to the human resources policies established by the Gloucester County and Mathews County school boards.

H. Parent, Student and Community Involvement

Parents, students, and the community will be actively involved in Academy program planning. Student and parent information workshops, parent-teacher conferences, college visits, and business partnerships will be among the resources used to encourage student, parent, and community involvement with Academy opportunities.

Beginning in middle school, all prospective Academy students will have the opportunity to participate in pre-Academy programs, including site tours, open houses, and summer experiences. Students will complete interest inventories, using the Virginia Education Wizard, in middle school, and throughout high school under the guidance of school counselors, career coaches, and classroom instructors who will monitor individual career pathways identified by Academy students.

During high school, Academy students will work with school counselors to complete career assessments and update their academic and career plans developed in the eighth grade to outline intended courses of study.

I. Insurance Certifications/Fiscal

Documentation that insurance and other fiscal information will be provided (see Appendix J- GCPS Certificate of Coverage).

J. Budget

All start-up expenses required for the Governor's Health Sciences Academy will commence with the Virginia Department of Education start-up grant in addition to the school division's resources, grants, and in-kind donations from business partners. Equipment and software updates will be funded through the Career and Technical Education budget and Carl Perkins funds (see Appendix K–Initial Planning/Implementation Budget).

K. Partnership Capacity/Partnership Agreements

Business and industry, Academy school divisions, and postsecondary institutions will be among the partners of the Governor's Health Sciences Academy. Their role will be to support the goals of the Governor's Health Sciences Academy and to provide health sciences resources and opportunities for students enrolled in the Academy.

A written partnership agreement sets forth the manner in which the partners will contribute to the Governor's Health Sciences Academy to broaden the scope of students' educational experiences and will be signed by all current and future partners. This partnership agreement outlines responsibilities for each of the partner groups, to include Gloucester County Public Schools, Mathews County Public Schools, New Horizons Regional Education Centers, Riverside School of Heath Careers, and Rappahannock Community College (see Appendix L–Partnership Agreements).

V. Evaluation

The Virginia Department of Education will conduct an annual evaluation of each Governor's Health Sciences Academy. Additionally, the Governor's Health Sciences Academy will be evaluated by the Gloucester and Mathews Governor's Health Sciences Academy Planning and Advisory Committee using various academic and career and technical education assessments to provide feedback and data for internal evaluation. The Planning and Advisory Committee will meet regularly throughout the development process and will continue with a specific and purposeful schedule once the Academy is established.

APPENDICES

APPENDIX A

Governor's Health Sciences Academy

Plans of Study

Region 3 Governor's Academy for Health Sciences

Plan of Study

Cluster: Health Science **Pathway: Biotechnology Research and Development**

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/Language Arts	Mathematics	Science	Social Studies/ Science	Recommended Electives *Use state course titles*	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cteresource.org/cpg/
		NOTE: Indicate State Course Titles and Codes						
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml								
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)		Exploratory Health and Medical Sciences (8370)	
	8	English 8 (1120)	Math 8 or Algebra I (3112)	Physical Science (4125)	Civics & Economics (2357)		Computer Applications (6617/6611)	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard ☒ or other assessment (please indicate): _____								Laboratory Technician Quality Assurance/Control Technician Laboratory Assistant Nuclear Medicine Technologist Cell Biologist Research Assistant Research Scientist Biochemist
SECONDARY	9	English (1130)	Algebra I (3130) or Geometry (3143)	Earth Sciences (4210)	World History/ Geography I (2215)	Economics and Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE): AP Biology (4370) AP Computer Science (3185)	Introduction to Health and Medical Sciences (8302)	
	10	English (1140)	Geometry (3143) or Algebra II (3135)	Biology (4310)	World History/ Geography II (2216)		Medical Terminology (8383) DE	
	11	English (1150)	Algebra II (3135) or Trigonometry/ Advanced Algebra (3137)	Chemistry (4410)	US/VA History (2360)		Entrepreneurship I	
	12	English (1160) DE	Trigonometry/ Advanced Algebra (3137) Pre-Calculus (3162)	Physics (4510) or Principles of Technology I and II (9811/9812)	US/VA Government(2440)		Entrepreneurship II	

High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

List related certifications/credentials approved by VDOE and offered locally:

http://www.cteresource.org/apg (Go to Certification - License Section.)

Virginia Workplace Readiness Assessment and IC³ Certification (Certiport)

Workplace Readiness Skills for the Commonwealth (CTECS)

Additional Learning Opportunities:

CTSO Organization(s): ☐ DECA ☐ FBLA ☐ FCCLA ☐ FFA ☐ FEA ☒ HOSA ☐ SkillsUSA ☐ TSA

Work-Based Learning:

☐ Career Research ☐ Cooperative Education ☐ Internship ☐ Mentorship

☒ Job Shadowing ☐ Service Learning Project ☐ Student Apprenticeship

POSTSECONDARY

SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY

Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)

Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelor's Degree	Postgraduate Degree
Biotechnology Research and Development	Medical Lab Technology - Certificate Biotechnology - AAS		

College: Rappahannock Community College **School Division(s):** Gloucester

Postsecondary: Placement Assessments such as Virginia Placement Test or COMPASS

College Entrance Exams such as ACT & SAT

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally

Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
Year 1 1st Semester					Medical Terminology DE HLT 143			
Year 1 2nd Semester								
Year 2 1st Semester								

	Year 2 2nd Semester								

College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

Related Industry Certifications Available:

Additional Suggested Learning Opportunities:

Work-Based Learning:

☐ Cooperative Education ☐ Internship ☐ Mentorship

☐ Job Shadowing ☐ Service Learning Project ☐ Registered Apprenticeship

UNIVERSITY

University/College:

Degree or Major:

Number of Articulated CC Credits:

Notes:

Region 3 Governor's Health Sciences Academy
Plan of Study

Cluster: **Health Science** **Pathway:** **Diagnostic Services**

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/Language Arts	Mathematics	Science	Social Studies/ Science	Recommended Electives *Use state course titles*	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cteresource.org/cpg/
		NOTE: Indicate State Course Titles and Codes						
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml								
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)		Exploratory Health and Medical Sciences (8370)	Lab Technician Process Technician Data Entry Clerk Quality Assurance Technician Quality Control Technician Biochemist Microbiologist Research Assistant Research Scientist
MIDDLE	8	English 8 (1120)	Math 8 or Algebra I (3112)	Physical Science (4125)	Civics & Economics (2357)	Keyboarding/Middle (6150)	Computer Applications (6617/6611)	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard ☒ or other assessment (please indicate): _____								
SECONDARY	9	English (1130)	Algebra I (3130) or Geometry (3143)	Earth Sciences (4210)	World History/ Geography I (2215)	Economics and Personal Finance6120 Health & PE (2 years) Foreign Language (3 years) AP Psychology Other Electives to Complement Pathway (Core Academic and CTE)	Introduction to Health and Medical Sciences (8302)	
SECONDARY	10	English (1140)	Geometry (3143) or Algebra II (3135)	Biology (4310)	World History/ Geography II (2216)		Medical Terminology (8383) DE	
SECONDARY	11	English (1150)	Algebra II (3135) or Trigonometry/Advanced Algebra (3137	Chemistry (4410)	US/VA History (2360)		Nutrition/Human Growth DE	
SECONDARY	12	English (1160) DE	Trigonometry/ Advanced Algebra (3137) Pre. Calculus (3162	Anatomy and Physiology or Physics (4510) or Principles of Technology I and II (9811/9812)	US/VA Government(2440)		Medical Assistant I/ II (8346) (NHREC) or Pharmacy Tech I/II (NHREC)	

High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

List related certifications/credentials approved by VDOE and offered locally:

http://www.cteresource.org/apg (Go to Certification - License Section.)

Virginia Workplace Readiness Assessment (NOCTI) and IC³ Certification (Certiport)

Workplace Readiness Skills for the Commonwealth (CTECS)

Additional Learning Opportunities:

CTSO Organization(s): ☐ DECA ☐ FBLA ☐ FCCLA ☐ FFA ☐ FEA ☒ HOSA ☐ SkillsUSA ☐ TSA

Work-Based Learning:

☐ Career Research ☐ Cooperative Education ☒ Internship ☐ Mentorship ☐ Job Shadowing ☐ Service Learning Project ☐ Student Apprenticeship

POSTSECONDARY

SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY

Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)

Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelor's Degree	Postgraduate Degree
Diagnostic Services	Medical Laboratory – AAS Radiography - AAS		

College: Rappahannock Community College **School Division(s):** Gloucester

Postsecondary: Placement Assessments such as Virginia Placement Test or COMPASS

College Entrance Exams such as ACT & SAT

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally

Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
Year 1 1st Semester					Medical Terminology DE HLT 143			
Year 1 2nd Semester					Principles of Nutrition and Human Development DE HLT 230			

	Year 2 1st Semester								
	Year 2 2nd Semester								

College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

Related Industry Certifications Available:

Additional Suggested Learning Opportunities:

Work-Based Learning:

☐ Cooperative Education ☐ Internship ☐ Mentorship

☐ Job Shadowing ☐ Service Learning Project ☐ Registered Apprenticeship

UNIVERSITY

University/College:

Degree or Major:

Number of Articulated CC Credits:

Notes:

Region 3 Governor's Health Sciences Academy
Plan of Study

Cluster: **Health Science** **Pathway:** **Health Informatics**

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/Language Arts	Mathematics	Science	Social Studies/ Science	Recommended Electives *Use state course titles*	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cteresource.org/cpg/
		NOTE: Indicate State Course Titles and Codes						
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml								
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)		Exploratory Health and Medical Sciences (8370)	
MIDDLE	8	English 8 (1120)	Math 8 or Algebra I (3112)	Physical Science (4125)	Civics & Economics (2357)	Keyboarding/Middle (6150)	Computer Applications (6617/6611)	Admitting Clerk Health Educator Health Care Administrator Medical Assistant Medical Biller/Patient Financial Services Risk Management Medical Information Technologist
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard ☒ or other assessment (please indicate): _____								
SECONDARY	9	English (1130)	Algebra I (3130) or Geometry (3143)	Earth Sciences (4210)	World History/ Geography I (2215)	Economics and Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE) AP Biology (4370)	Introduction to Health and Medical Sciences (8302)	
SECONDARY	10	English (1140)	Geometry (3143) or Algebra II (3135)	Biology (4310)	World History/ Geography II (2216)		Medical Terminology (8383) DE	
SECONDARY	11	English (1150)	Algebra II (3135) Trigonometry/ Advanced Algebra (3137)	Chemistry (4410)	US/VA History (2360)		Entrepreneurship I or Nutrition/Human Growth DE or Dental Assistant I (NHREC)	
SECONDARY	12	English (1160) DE	Trigonometry/ Advanced Algebra (3137)	Anatomy and Physiology or Physics (4510)	US/VA Government(2440)		Medical Assistant (8346)	

		Pre-Calculus (3162)					

High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

List related certifications/credentials approved by VDOE and offered locally:

http://www.cteresource.org/apg (Go to Certification - License Section.)

Virginia Workplace Readiness Assessment (NOCTI) and IC³ (Certiport)

Medical Assistant Assessment (NOCTI)

NRCMA Certification (National Allied Health Registry/National Association for Health Professionals)

Workplace Readiness Skills for the Commonwealth (CTECS)

Additional Learning Opportunities:

CTSO Organization(s): ☐ DECA ☐ FBLA ☐ FCCLA ☐ FFA ☐ FEA ☒ HOSA ☐ SkillsUSA ☐ TSA

Work-Based Learning:

☐ Career Research ☐ Cooperative Education ☐ Internship ☐ Mentorship

☐ Job Shadowing ☐ Service Learning Project ☒ Student Apprenticeship

POSTSECONDARY

SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY

Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)

Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelor's Degree	Postgraduate Degree
Health Informatics	Medical Office Clerk - Certificate Health Information Technology - AAS		

College: Rappahannock Community College **School Division(s):** Gloucester

Postsecondary: Placement Assessments such as Virginia Placement Test or COMPASS | College Entrance Exams such as ACT & SAT

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally

Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
Year 1 1st Semester					Medical Terminology DE HLT 143			
Year 1 2nd Semester					Principles of Nutrition and Human Development			

						DE HLT 230			
	Year 2 1st Semester								
	Year 2 2nd Semester								
	College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)								

Related Industry Certifications Available:

Additional Suggested Learning Opportunities:

Work-Based Learning:

☐ Cooperative Education ☐ Internship ☐ Mentorship

☐ Job Shadowing ☐ Service Learning Project ☐ Registered Apprenticeship

UNIVERSITY

University/College:

Degree or Major:

Number of Articulated CC Credits:

Notes:

Region 3 Governor's Health Sciences Academy

Plan of Study

Cluster: Health Science **Pathway:** Support Services

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/Language Arts	Mathematics	Science	Social Studies/ Science	Recommended Electives *Use state course titles*	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cteresource.org/cpg/
		NOTE: Indicate State Course Titles and Codes						
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml								
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)		Exploratory Health and Medical Sciences 8370	
	8	English 8 (1120)	Math 8 or Algebra I (3112)	Physical Science (4125)	Civics & Economics (2357)	Keyboarding/Middle (6150)	Computer Applications (6617/6611)	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard ☒ or other assessment (please indicate): _____								• Biomedical /Clinical Technician • Central Service Manager • Facilities manager • Materials Manager • Ward Secretary • Environmental Services Manager
SECONDARY	9	English (1130)	Algebra I (3130) or Geometry (3143)	Earth Sciences (4210)	World History/ Geography I (2215)	Economics & Personal Finance (6120) Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE)	Introduction to Health and Medical Sciences (8302)	
	10	English (1140)	Geometry (3143) or Algebra II (3135)	Biology (4310)	World History/ Geography II (2216)		Medical Terminology (8383 DE	
	11	English (1150)	Algebra II (3135) or Trigonometry/ Advanced Algebra (3137)	Chemistry (4410)	US/VA History (2360)		Nutrition/Human Growth DE or Entrepreneurship Education I (9093) or Dental Assistant I (NHREC)	
	12	English (1160) DE	Trigonometry/ Advanced Algebra (3137) or Pre-Calculus (3162)	Anatomy and Physiology or Physics (4510) or Principles of Technology I and II (9811/9812)	US/VA Government(2440)		Entrepreneurship II or Medical Assistant I/II (NHREC) or Dental Assistant II (NHREC) or Pharmacy	

						Tech I/II (NHREC)	

High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

List related certifications/credentials approved by VDOE and offered locally:
http://www.cteresource.org/apg/

Virginia Workplace Readiness Skills (NOCTI) plus one of the IC3 assessments.

Workplace Readiness Skills for the Commonwealth (CTECS)

Additional Learning Opportunities:

CTSO Organization(s): ☐ DECA ☐ FBLA ☐ FCCLA ☐ FFA ☐ FEA ☒ HOSA ☐ SkillsUSA ☐ TSA

Work-Based Learning:

☐ Career Research ☐ Cooperative Education ☒ Internship ☐ Mentorship ☒ Job Shadowing ☐ Service Learning Project ☐ Student Apprenticeship

POSTSECONDARY

SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY

Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)

Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelor's Degree	Postgraduate Degree
Support Services	Health & Med. Admin Services – Certificate Medical Laboratory - AAS Health Information Technology – AAS		

College: Rappahannock Community College **School Division(s):** Gloucester

Postsecondary: Placement Assessments such as COMPASS & SAT Subject Tests	College entrance exams such as ACT & SAT

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally

Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
Year 1 1st Semester					Medical Terminology DE HLT 143			
Year 1 2nd Semester					Principles of Nutrition and Human Development DE HLT 230			
Year 2 1st Semester								
Year 2 2nd Semester								
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)								

Related Industry Certifications Available:

Additional Suggested Learning Opportunities:

Work-Based Learning:

☐ Cooperative Education ☐ Internship ☐ Mentorship

☐ Job Shadowing ☐ Service Learning Project ☐ Registered Apprenticeship

UNIVERSITY	University/College: Degree or Major: Number of Articulated CC Credits:
Notes:	

Region 3 Governor's Health Sciences Academy
Plan of Study

Rev: 6/12

Cluster: Health Science **Pathway: Therapeutic Services**

This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

EDUCATION LEVELS	GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide http://www.cteresource.org/apg/	SAMPLE – Occupations Relating to This Pathway: http://www.doe.virginia.gov/instruction/career_technical/career_clusters/sample_plans_study/index.shtml http://www.careerclusters.org http://www.cteresource.org/cpg/
		NOTE: Indicate State Course Titles and Codes						
Graduation Requirements: http://www.doe.virginia.gov/instruction/graduation/index.shtml								- Anesthesiologist Assistant - Athletic Trainer - Audiologist - Certified Nursing Assistant - Chiropractor - Clinical Medical Assistant - Dental Assistant/Hygienist - Dental Lab Technician - Dentist - Dietician
MIDDLE	7	English 7 (1110)	Math 7 (3111)	Life Science (4115)	U S History (2354)		Exploratory Health and Medical Sciences 8370	
	8	English 8 (1120)	Math 8/Pre-Algebra (3112)	Physical Science (4125)	Civics & Economics (2357)	Keyboarding/Middle (6150)	Computer Applications (6617/6611)	
Career Assessment: Identify an appropriate career assessment instrument at the middle school level used to help students and their parents plan for high school: VA Wizard ☒ or other assessment (please indicate): _____								
SECONDARY	9	English (1130)	Algebra I (3130)	Earth Sciences (4210)	World History/ Geography I (2215)	Economics and Personal Finance (6120)	Introduction to Health & Medical Science (8302)	
	10	English (1140)	Geometry (3143)	Biology (4310)	World History/ Geography II (2216)		Medical Terminology (8383)	

11	English (1150)	Algebra II (3135)	Chemistry (4410)	US/VA History (2360)	Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	Nutrition/Human Growth or Dental Assistant (NHREC)	- EMT/Paramedic - Exercise Physiologist - Home Health Aide - LPN/RN - Massage Therapist - Medical Assistant - Nurse Practitioner - Occupational Therapist/Assistant - Optician/Optometrist - Pharmacist/Pharmacy Technician - Physical Therapist/Assistant - Physician (MD/DO) - Physician's Assistant - Psychologist - Radiologic Technician - Recreation Therapist - Respiratory Therapist - Social Worker - Speech Language Pathologist - Surgical Technician/Technologist - Veterinarian/Vet Assistant/Technician
12	English (1160)	Trigonometry/ Advanced Algebra (3137)	Physics (4510) or Principles of Technology I and II (9811/9812)	US/VA Government(2440)		CNA or Dental Assistant II(NHREC) or EMT I/II (NHREC) or Pharmacy Tech I/II (NHREC) or Medical Assistant I/II (NHREC)	

High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)

List related certifications/credentials approved by VDOE and offered locally:

http://www.cteresource.org/apg (Go to Certification - License Section.)

1st Year – Certified Nurse Aide

Additional Learning Opportunities:

CTSO Organization(s): ☐ DECA ☐ FBLA ☐ FCCLA ☐ FFA

☐ FEA ☒ HOSA ☐ SkillsUSA ☐ TSA

2nd Year – Licensed Practical Nurse Workplace Readiness Skills for the Commonwealth (CTECS)	**Work-Based Learning:** ☐ Career Research ☐ Cooperative Education ☒ Internship ☐ Mentorship ☐ Job Shadowing ☐ Service Learning Project ☐ Student Apprenticeship
Postsecondary: Placement Assessments such as Virginia Placement Test or COMPASS	College Entrance Exams such as ACT & SAT

POSTSECONDARY

SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY

Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)

Pathway	Associate Degree, College Certificate, or Apprenticeship	Bachelors Degree	Postgraduate Degree
Therapeutic Services	Nurse Aide Career Studies Certificate	(Determined locally)	(Determined locally – optional)

College: Rappahannock Community College **School Division(s):** _____

Postsecondary: Placement Assessments such as Virginia Placement Test or COMPASS

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally

Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
Year 1 1st Semester					Medical Terminology DE HLT 143			
Year 1 2nd Semester					Principles of Nutrition and Human Development DE HLT 230			
Year 2 1st Semester					Nurse Aide i DE NUR 27			
Year 2 2nd Semester					Home Health Aide DE NUR 29			
College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)								

Related Industry Certifications Available:	**Additional Suggested Learning Opportunities:** **Work-Based Learning:** ☐ Cooperative Education ☐ Internship ☐ Mentorship ☐ Job Shadowing ☐ Service Learning Project ☐ Registered Apprenticeship

UNIVERSITY	University/College: Degree or Major: Number of Articulated CC Credits:

APPENDIX B

GCPS/MHS Riverside Medical Careers Post Program Literature

GCPS/MCPS-Riverside

Medical Careers Explorers Post

Medical Careers Explorers Post

- Open to Students Age 14 to 18
- Monthly Meetings Held at Riverside Walter Reed Hospital and Riverside School of Health Careers
- Assume Leadership Positions – Meetings Run by Elected Student Officers
- Explore Health Careers with Practicing Medical Professionals
- Participate in Hands-On Activities
- First meeting: TBD
- All Meetings are from 4 pm to 6 pm

Meeting Schedule

Month	Date	Topic/Profession	Location
Sept	TBD	Program Orientation	Riverside School of Health Careers
Oct	TBD	Radiologic Technology	Riverside Walter Reed Hospital
Nov	TBD	Surgical Technology	Riverside Walter Reed Hospital
Dec	TBD	Physical Therapist Assistant	Riverside Walter Reed Hospital
Jan	TBD	Nursing	Riverside Walter Reed Hospital
Feb	TBD	Sports Medicine	Riverside Wellness and Fitness Center
March	TBD	TBD	Riverside Walter Reed Hospital
April	TBD	TBD	Riverside Walter Reed Hospital
May	TBD	Culmination/Celebration	Riverside Walter Reed Hospital

Questions? Call (757) 240-2229

APPENDIX C

Gloucester High School and Mathews High School
A/B Day Bell Schedule

2012-2013 GHS Daily Bell Schedule

7:55 a.m. Warning Bell
8:00 a.m.-8:55 a.m. **First Instructional Block**
8:55 a.m.-9:00 a.m. Class Change
9:00 a.m.-10:50 a.m. **Second Instructional Block**
10:50 a.m.-10:55 a.m. Class Change
10:55 a.m.-1:00 p.m. **Third Instructional Block**
Lunches (25 Minutes Each)
1st Lunch Block
10:50 a.m.-10:55 a.m. Class Change
10:55 a.m.-11:20 a.m. 1st Lunch (D-Hall, except D36)
11:20 a.m.-11:24 a.m. Return from Lunch
11:24 a.m.-1:00 p.m. **Third Instructional Block**
1:00 p.m.-1:05 p.m. Class Change
2nd Lunch Block
10:50 a.m.-10:55 a.m. Class Change
10:55 a.m.-11:30 a.m. **Third Instructional Block, Part 1**
11:30 a.m.-11:55 a.m. 2nd Lunch (A100-A126, except A121)
11:55 a.m.-11:59 a.m. Return from Lunch
11:59 a.m.-1:00 p.m. **Third Instructional Block, Part 2**
1:00 p.m.-1:05 p.m. Class Change
3rd Lunch Block
10:50 a.m.-10:55 a.m. Class Change
10:55 a.m.-12:05 p.m. **Third Instructional Block, Part 1**
12:05 p.m.-12:30 p.m. 3rd Lunch (A121, A127-A142, B144, Band, Chorus)
12:30 p.m.-12:34 p.m. Return from Lunch
12:34 p.m.-1:00 p.m. **Third Instructional Block, Part 2**
1:00 p.m.-1:05 p.m. Class Change
4th Lunch Block
10:50 a.m.-10:55 a.m. Class Change
10:55 a.m.-12:35 p.m. **Third Instructional Block**
12:35 p.m.-1:00 p.m. 4th Lunch (C-Hall, Gym, B141-B142, D36)
1:00 p.m.-1:05 p.m. Class Change
1:05 p.m.-2:40 p.m. **Fourth Instructional Block**
2:40 p.m.-2:50 p.m. Dismissal
2:50 p.m. Buses Depart

Mathews High School
A/B Day
Bell Schedule

A/B Days		
First Bell	8:00	
1st Block	8:05 - 9:40	95 Minutes
2nd Block	9:45 - 11:15	90 Minutes
3rd Block		
1st Lunch	11:15 - 11:40	25 Minutes
1st Instruction	11:20 - 12:50	90 Minutes
2nd Instruction	11:45 - 1:15	90 Minutes
2nd Lunch	12:50 - 1:15	25 Minutes
4th Block	1:20 - 2:50	90 Minutes

1:00 P.M. Early Dismissal		
First Bell	8:00	
1st Block	8:05 - 9:10	65 Minutes
2nd Block	9:15 - 10:20	65 Minutes
3rd Block		
1st Lunch	10:20 - 10:45	25 Minutes
1st Instruction	10:25 - 11:25	60 Minutes
2nd Instruction	10:50 - 11:50	60 Minutes
2nd Lunch	11:25 - 11:50	25 Minutes
4th Block	11:55 - 1:00	65 Minutes

2-Hour Delay		
First Bell	10:00	
1st Block	10:05 - 11:05	60 Minutes
2nd Block	11:10 - 12:10	60 Minutes
3rd Block		
1st Lunch	12:10 - 12:35	25 Minutes
1st Instruction	12:15 - 1:15	60 Minutes
2nd Instruction	12:40 - 1:40	60 Minutes
2nd Lunch	1:15 - 1:40	25 Minutes
4th Block	1:45 - 2:50	65 Minutes

APPENDIX D

Statement of Assurances

Statement of Operating Funds and Facilities Assurances

Governor's Health Sciences Academy

STATEMENT OF ASSURANCES

The authorized signature on this page certifies to the Virginia Department of Education that the authorized official assures that:

1. **The planning committee has reviewed the provisions of *Administrative Procedures Guide for Establishing A Governor's Health Sciences Academy* outlined in the Guidance Document, and understands that an implementation proposal will need to address these criteria and/or others approved by the Virginia Board of Education.**
2. **The planning committee agrees to follow the guidelines set forth in the *Administrative Procedures Guide for the Establishing A Governor's Health Sciences Academy* document.**
3. **If the Governor's Health Sciences Academy will be a jointly operated program, an ongoing governing board will be established or maintained to reflect current Board of Education regulations relative to jointly operated schools and programs.**
4. **A public, government entity will serve as the grant fiscal agent.**

Certification by Authorized or Institutional Official:

The applicant certifies that to the best of his/her knowledge the information in this application is correct, that the filing of this application is duly authorized by the partners participating in this process to establish a Governor's Health Sciences Academy, and that the applicant will comply with the statement of assurances.

_____	_____
Typed or Printed Name of Authorized Official	Title
_____	_____
Signature of Authorized Official	Date

The Region 3
Governor's Health Sciences Academy

STATEMENT OF OPERATING FUNDS AND FACILITIES ASSURANCES

The authorized signature on this page certifies to the Virginia Department of Education that the authorized official assures that:

5. **Operating funds and facilities are available to support the Governor's Health Sciences Academy.**
6. **Operating funds and facilities are available to adequately support the needs of the programs at the Region 3 Governor's Health Sciences Academy.**

Certification by Authorized or Institutional Official:

The applicant certifies that to the best of his/her knowledge the information in this application is correct, that the filing of this application is duly authorized by the partners participating in this process to establish a Governor's Health Sciences Academy, and that the applicant will comply with the statement of assurances.

_____	_____
Typed or Printed Name of Authorized Official	Title
_____	_____
Signature of Authorized Official	Date

APPENDIX E

Peninsula Council for Work force Development Summer Camp Series

Summer Camp Series 2013

Thomas Nelson Community College | Peninsula Council for Workforce Development | New Horizons | ecpi University

www.pcfwd.org/YCC_summer_camp.asp

"That's my App!!!" An App Development Camp

4-Day Program held on Mondays and Wednesdays / July 8th, 10th, 15th & 17th 1:30 – 4:30 pm

Open to rising 9th – 12th Grade **Registration Fee - $59.00 / non-refundable**

The "That's my App!!!" Camp will provide 20 students with an interactive experience in App Development. The Camp will provide hands-on activities at ECPI University, to include an introduction to the virtual environments and the development of their own app program.

Location: ECPI University - Newport News Campus

Peninsula K-next / Advanced Manufacturing Technology Camp

July 9th – 13th **Tuesday (9th) noon - 4pm / Wednesday (10th) – Friday (12th) 8:00 am – 4 pm / Saturday (13th) 8:00 am – 1 pm**

Open to Rising 9th - 11th Graders **Registration Fee - $59.00 / non-refundable**

Registration: To register call Thomas Nelson Community College at 865-3122

The goal of this engaging and innovative program is to expose area high school students to the wonders of advanced manufacturing and encourage them to pursue both higher education and careers in the field. 24 high school students are expected to attend. The camp will feature a variety of innovative and hands-on classes on topics such as Computer Machining, Welding and Robotics.

Location: Peninsula Workforce Development Center in Hampton

E.C.H.O. - Exploring Careers & Healthcare Opportunities

July 23rd – 25th **8:30 am – 1:00 pm**

Open to rising 9th – 12th Grade **Registration Fee - $59.00 / non-refundable**

A 3-day camp for 20 high schools students interested in exploring healthcare careers. Students will tour hospitals and medical facilities and learn about various healthcare careers by participating in hands-on activities, learning about different types of medical equipment and observing staff members performing their jobs. Students will also learn about educational requirements for various healthcare careers.

Location: Camp will begin each morning at the Youth Career Café – Patrick Henry Mall

Career Exploration Camp

August 6th - 8th **8:30 am – 1:00 pm**

Open to rising 6th – 9th Grade **Registration Fee - $59.00 / non-refundable**

A 3-day camp for 14 middle and rising high school students interested in exploring careers. Students will learn about careers in financial services, hospitality, transportation and distribution, construction, healthcare and more through tours and interactive activities.

Location of the Camp: Camp will begin each morning at the Youth Career Café – Patrick Henry Mall

Free Summer Activities also held at the Youth Career Café.

Visit www.youthcareercafe.com for more details!!!

CAMPS SUBJECT TO CHANGE / SPACE IS LIMITED.

Pre-Registration Required. Call Rita Bond at 757-826-3327 for information.

APPENDIX F

Peninsula Council for Work force Development
Youth Career Cafe

Café 411

SUMMER 2012

Youth Career Expo 2012 allows youth to explore 'World of Opportunities'

Representatives with Newport News Shipbuilding discuss available apprenticeship programs.

(Above) A group of high school students from Poquoson embody "dressed for success." (At right) Sentara College of Health Sciences was on hand to answer questions about opportunities in the healthcare field.

Students from Newport News, Hampton, Williamsburg-James City County, York County, Poquoson, Gloucester County and Franklin public schools explored a "World of Opportunities" during the Youth Career Expo 2012 at the Hampton Roads Convention Center in March. The well-received expo, which last year won the Virginia Department of Education's State and Regional Business and Education Partnership Awards, brought together more than 250 professionals from business, education and industry to help better prepare the more than 2,200-plus young attendees for the workplace.

Sponsored by the Peninsula Council for Workforce Development, in partnership with the Virginia Peninsula Chamber of Commerce and the six Peninsula school divisions, the award-winning event featured nearly 60 business exhibitors and an assortment of hands-on activities such as the always popular mock interviews.

"Perhaps nothing involved the students more than the mock interviews," says Shawn Avery, vice president of PCFWD. He says students were encouraged to dress in business apparel for the interviews and to bring their resumes. With the help of more than 250 volunteers, all interested students were afforded the opportunity to practice their interviewing skills and receive constructive feedback.

Students also partook in interactive workshops that covered a variety of topics, from financial literacy and healthcare to green jobs and STEM (science, technology, engineering, and mathematics). Mini-workshops also were presented that addressed such soft skills as problem-solving, oral communication, and interpersonal and teamwork skills.

"The Youth Career Expo, which was made possible through the support of local businesses and individuals, strengthened the Virginia Peninsula by promoting meaningful collaboration between business, industry, government and education," says Matthew James, CEO and president of PCFWD. "The annual event helps to produce a more skilled and highly trained workforce in an ever-changing technologically sophisticated society." The event has been held each year since 2009.

STAY CONNECTED! Follow Youth Career Café on Facebook and Twitter.

YCC workshop highlights

From learning how to properly set a table to visiting the Charles Taylor Art Center, students involved with the Peninsula's Youth Career Cafés juggled workshops and movies with information sessions and field trips to make their 2012 something to write Facebook about.

(Top and middle) During a fair, students tour a full-sized bus completely outfitted with desks, computers and a flat-screen TV. VSU's Agricultural Career Bus offers workplace readiness services to adults and youth in Virginia's rural areas. (Above right) A Registered Nurse from Sentara Norfolk discusses emergency room procedures with a group of students. (At right) Students from York River Academy meet with Busch Gardens representatives about employment opportunities at the park.

Career fairs help youth eye the future

In March at the YCC at Patrick Henry Mall, a career fair was held for students from four Newport News schools. They enjoyed an afternoon of career awareness activities, and also learned about Virginia State University's application process and available scholarships. Youth also toured a specially equipped VSU bus that offers workplace readiness services.

A career fair at the Patrick Henry café in May helped youth learn more about resume writing, interviewing and opportunities with local employers. Representatives from the Newport News Office of Human Affairs talked with attendees about its Summer Youth Employment Program.

For all you foodies

In April and May, the Hampton Roads Food Safety Co. hosted a free 90-minute food handlers course at the Patrick Henry YCC. Both sessions were filled to capacity by students who wanted to earn a food handlers card to help increase their chances of getting a job. All who successfully completed the class were mailed a card.

Café serves up food for thought

Three Lunch & Learn sessions were held this past spring at the Historic Triangle YCC. In April, representatives from the Newport News Shipbuilding Apprentice School and Sentara Health System came and talked to youth. In May, the informational session featured Busch Gardens.

STAY CONNECTED! Follow Youth Career Café on Facebook and Twitter.

Happy 6th Birthday, Youth Career Café!

Currently located in Patrick Henry Mall in Newport News, the Historic Triangle Campus of Thomas Nelson Community College in Williamsburg/James City County, and the Boys & Girls Club Workforce Development Center in Newport News and Gloucester, the Youth Career Café is celebrating its sixth year of existence this summer. The newest Youth Career Café will open this fall at the Teen Center in Hampton. The Youth Career Café is designed to prepare the region's youth for the workplace by providing job leads, industry-focused workshops and venues for employers to conduct on-site interviews. The YCC also connects young people to meaningfully volunteer opportunities, tutoring services and complementary school-based programs.

Summer camps aim to educate participants about career opportunities

Forget swimming and relay races. The Greater Peninsula Summer Camp Series 2012 was more about exercising the mind through a wide variety of programs designed to let youth explore career and education opportunities available on the Peninsula. Instead of leisure activities, the camps focused on showing the area's future graduates some of the lucrative jobs and careers available for those who begin to prepare now.

Organized by the Peninsula Council for Workforce Development, Thomas Nelson Community College, New Horizons Regional Education Centers, ECPI University and industry partners, the camps provided students with important information and take-away resources. They also helped students better understand what industries are experiencing continual growth and why they need a qualified workforce now and in the future.

The camps were scheduled throughout the summer and featured presentations by local educators and industry leaders, roundtable discussions and on-site visits to industry and business, all courtesy of the participating partners.

The camp series included multiday sessions on gaming technology and modeling and simulation, advanced manufacturing technology and healthcare opportunities.

In addition, the Youth Career Café partnered with the Crossroads Boys and Girls Club to host a Career Exploration Camp. As part of that program, students visited the Youth Career Café and participated in the Careers in Hospitality workshop led by Greg Spencer from the Culinary Institute of Virginia. They also got to see an advanced manufacturing careers demonstration at Thomas Nelson Community College.

(Top) Peninsula day campers enjoy a field trip to WAVY-TV 10 and a close-up look at the station's helicopter. (Above) A field trip to the Peninsula Workforce Development Center lets campers experience the wonders of welding. (Below) A large contingency of campers converge on the Thomas Nelson Community College campus to see an advanced manufacturing careers demonstration.

STAY CONNECTED! Follow Youth Career Café on Facebook and Twitter.

Video on dentistry nets seniors 2012 prize

Gloucester High School seniors Steven J. Gingues and Ethan Sabo won the 2012 Career and Workplace Readiness Skills Video Contest and split the $1,250 purse for their film on Careers in Dentistry. The second annual competition was sponsored by the Peninsula Council for Workforce Development and ECPI University.

The purpose of the contest was for budding producers to develop a video for students by students to increase awareness of and educate young people on the workplace readiness skills Peninsula employers seek when hiring for selected high-demand careers. The contest was open to high school students or teams of students who live in Hampton, Newport News, Poquoson or Williamsburg, or in the counties of Gloucester, James City or York.

In order to qualify, the video had to highlight at least seven of the 21 Virginia Workplace Readiness Skills necessary for a chosen career pathway. Students also were required to focus the video on one of the following high-demand industries: healthcare, hospitality, construction or advanced manufacturing.

Seniors Steven J. Gingues (seen here) and his partner, Ethan Sabo, from Gloucester High School took home the cash prize for the best film in the 2012 Career and Workplace Readiness Skills Video Contest.

The contest ran from October through February. For more information on the video contest, visit www.pcfwd.org/initiatives_video_contest.asp

CAREER SEEKERS WANTED!

We want to help you find a career

The Youth Career Café provides career guidance and workplace readiness skills training to youth aged 14-21. Visit www.youthcareercafe.com for locations and hours of operations.

youthcareercafe.com 2.0

Keep an eye open for the new and improved YCC website coming online in September. Official launch will be announced soon on Facebook and Twitter.

Girls pursue the meaning of IT

To encourage young women to consider science and technology careers, the Youth Career Café and ECPI University once again co-hosted a "Girls Get IT" workshop that was attended by 42 students from Achievable Dream Middle/High School and Phoebus High School. The information technology workshop was held in February at ECPI's campus in Newport News.

Keynote speaker Rhonda J. Richardson, DAF, chief of the CAF Net-Centric Strategies Branch and directorate of communications, addressed career opportunities associated with science, technology, engineering and math (STEM), where the workforce is predominantly male. During the hands-on portion of the workshop, the girls broke into smaller groups, led by an IT mentor from the community, to come up with solutions for myriad problems.

JULY 1, 2011 - JUNE 30, 2012

Youth Career Café Participants – 14,712

Snapshot

During the Girls Get IT workshop, the participants broke into smaller groups to discuss how IT could help solve potential problems or hinder possible solutions for real-world situations including surgery without hospitals, earthquake-ravaged Haiti and winter Olympics communications.

APPENDIX G

Planning and Advisory Committee
Governor's Health Sciences Academy

Planning/Advisory Committee
Region 3 Governor's Health Sciences Academy

K-12		
Gloucester County Public Schools Administration	Dr. Chuck Wagner, Assistant Superintendent for Instruction	chuck.wagner@gc.k12.va.us 6489 Main Street Gloucester, VA 23061 804-693-1115
Gloucester County Public Schools Administration	Dr. Paul McLean, Supervisor, Career and Technical Education	pmclean@gc.k12.va.us 6489 Main Street Gloucester, VA 23061 804-693-7910
Gloucester High School	Dr. Tony Beverage, Principal	tbeverage@gc.k12.va.us 6680 Short Lane Gloucester, VA 23061 804-693-2526
Gloucester High School	Ms. Jennifer Eddy, Assistant Principal	jeddy@gc.k12.va.us 6680 Short Lane Gloucester, VA 23061 804-693-2526
Gloucester High School	Mr. Matt Lord, Director, School Counseling	mlord@gc.k12.va.us 6680 Short Lane Gloucester, VA 23061 804-693-2526
Gloucester High School	Ms. Claudette Johnson, Instructor – Health Sciences	claudett@gc.k12.va.us 6680 Short Lane Gloucester, VA 23061 804-693-2526
Gloucester High School	Ms. Anne Peterson Instructor – STEM	apetersen@gc.k12.va.us 6680 Short Lane Gloucester, VA 23061 804-693-2526
Mathews County Public Schools Administration	Ms. Nancy Welch, Assistant Superintendent	nwelch@mathews.k12.va.us P. O. Box 369 63 Church Street Mathews, VA 23109 804-725-3909
Mathews High School	Mr. Albert Green, Principal	agreen@mathews.k12.va.us 9889 Buckley Hall Road P.O. Box 38 Mathews, VA 23109 804-725-3702
Higher Education		
Rappahannock Community College – Glenns Campus	Mr. Charles Smith, Dean of Health Programs Professor of Nursing and Allied Health	csmith@rappahannock.edu 12745 College Dr. Glenns, VA 23149 804-758-6769

Rappahannock Community College – Glenns Campus	Mr. Robert Griffin, Dean of Students	rgriffin@rappahannock.edu 12745 College Dr. Glenns, VA 23149 804-758-6771
Rappahannock Community College – Glenns Campus	Mr. Petie Norris, Coordinator – Dual Enrollment	PNORRIS@rappahannock.edu 12745 College Dr. Glenns, VA 23149 804-333-6752
Business and Industry		
Riverside School of Health Careers	Ms. Tracee Carmean, Vice President	Trace.carmean@rivhs.com 316 Main Street Newport News, VA 23601 757-240-2213
Riverside School of Health Careers	Ms. Gail Baker Student Services	gail.baker@rivhs.com 316 Main Street Newport News, VA 23601 757-240-2231
Riverside School of Health Careers	Mr. Michael Hamilton, Recruitment Coordinator	Michael.Hamilton@rivhs.com 316 Main Street Newport News, VA 23601 (757) 240-2229

APPENDIX H

Governor's Health Sciences Academy Admission Agreement

Application Form

Gloucester County Public Schools

Region III Governor's Health and Medical Sciences Academy

Gloucester High School, 6680 Short Lane, Gloucester, VA 23601

Connect. Engage. Inspire.

Admissions Agreement

The Gloucester/Matthews County Public Schools Governor's Health and Medical Sciences Academy offers a unique high school education with specialized curricula in the health and medical science field. In order to be successful, students must be have a sincere interest in the health care field and must consistent, dedicated life-long learners. Therefore Gloucester and Matthews County Public Schools' require that students and parents make the following commitment.

I agree to the following terms and conditions for participating in the Health and Medical Sciences Academy. I will:

1. Follow the rules of the Academy as well as those rules outlined in the Student Handbook and Student Code of Conduct for Gloucester High School and Rappahannock Community College Honor Code.
2. Actively participate in each class by being prepared, listening attentively, and completing any other activities necessary to meet the expectations set forth for each class.
3. Submit quality work in a timely manner seeking additional assistance from instructors as needed.
4. Manifest the highest degree of academic integrity. Incidents of cheating may be grounds for immediate dismissal from the program.
5. Cell phone usage is prohibited in any area of the program.
6. Attendance is important to the success of the student. Excessive absences or tardies to class may lead to dismissal from the program. Student attendance will also be reviewed yearly.
7. Fulfill all academy or advanced academic program requirements.

I understand that if I do not meet the standards or follow the rules of the Health and Medical Sciences Academy, I may be asked to withdraw from the program to enroll in a course of study which better meets my needs.

Student Signature _____ Date _____

I hereby grant permission and consent for my son/daughter to enroll in the Health and Medical Sciences Academy at Gloucester High School and agree to all terms listed above. Finally, I will support my child's academic growth and encourage development of independent study skills. I understand that my son/daughter may be withdrawn from the academy by the program coordinator if he/she does not fulfill the terms of this agreement.

Parent/Guardian Signature _____ Date _____

	GOVERNOR'S HEALTH SCIENCES ACADEMY APPLICATION 2013-2014	

STUDENT INFORMATION				
Last Name:	First Name:	Middle Name:	Student ID#:	Date of Birth: / /
Street Address:	City:	State:	Zip Code:	
Parent/Guardian's Last Name	Parent/Guardian's Contact Phone	Parent/Guardian's Alternate Phone	Parent/Guardian's Email Address	
Home School (2012-2013)	Grade Level (2013-2014)	Academy School (2013-2014)		

Governor's Health Sciences Academy Program Options
(You may select one 1st choice and one 2nd choice)
Place an 'X' next to your 1st and 2nd choice in the appropriate columns below

1st choice	2nd choice	**ACADEMY PROGRAM FOCUS**
		Support Services
		Therapeutic Services

_____ _____ _____

Student Signature Parent/Guardian Signature Date

All applications are due to the Region 3 Governor's Health Sciences Academy Co-Director by _____

APPENDIX I

GCPS Student Code of Conduct

GLOUCESTER COUNTY PUBLIC SCHOOLS

GLOUCESTER, VIRGINIA

STUDENT CODE OF CONDUCT MANUAL

File No. JFC-R

Revised July 10, 2012

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APPENDIX J

GCPS Certificate of Coverage

CERTIFICATE OF COVERAGE

Rev. 07/07/05

Producer:
VML INSURANCE PROGRAMS
P.O. Box 3239, Glen Allen, VA 23056
1-800-963-6600 (Phone); 1-804-668-1652 (Fax)
www.vmlins.org

This Certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This Certificate does not amend, extend or alter the Membership Agreement afforded by the policies below, nor guarantees the solvency of VML Insurance Programs.

COMPANIES AFFORDING COVERAGE

VML Insurance Programs

Named Insured:
Gloucester County Schools
6499 Main Street, Building 2 Suite D
Gloucester, VA 23061

COVERAGES

This is to certify that the coverage listed below has been issued to the Member named above for the policy period indicated, notwithstanding any requirement, term or condition of any contract or other document with respect to which this Certificate may be issued or may pertain, the coverage afforded by the policies described herein is subject to all the terms, exclusions and conditions of the Member Agreement and the policy forms. Limits shown may have been reduced by paid claims.

Type of Coverage	Policy Number	Effective Date	Expiration Date	Limits	
General Liability	P-2012-2013-VMLP-0828-1	07/01/2012	07/01/2013	Each Occurrence	$1,000,000
Damage to Premises Rented to You				Any One Fire	$1,000,000
Medical Payments				Any One Person	$10,000
Excess Liability	P-2012-2013-VMLP-0828-1	07/01/2012	07/01/2013	Per Occurrence	$5,000,000
Automobile Liability	P-2012-2013-VMLP-0828-1	07/01/2012	07/01/2013		
Any Auto				Combined Single Limit	$1,000,000
Auto Physical Damage	P-2012-2013-VMLP-0828-1	07/01/2012	07/01/2013	Symbol	2, 8
Collision				Deductible	$1,000
Comprehensive				Deductible	$1,000
Property	P-2012-2013-VMLP-0828-1	07/01/2012	07/01/2013	Blanket Building & Contents	
Special Form				Limit	$150,224,954.00
				Deductible	$5,000

Description of Operations/Locations/Vehicles/Special Items
Region 3 Governor's Health Sciences Academy

CERTIFICATE HOLDER
VA Department of Education
P.O. Box 2120
Richmond, VA 23218

CANCELLATION: Should the above described Member Agreement be cancelled before the expiration date thereof, VML Insurance Programs will endeavor to mail written notice within 30 days to the Certificate Holder named to the left, but failure to mail such notice shall impose no obligation of any kind upon VML Insurance Programs, its agents or representatives.

By: *Karen Nuckols* Date: 03/28/2013

APPENDIX K

Governor's Health Sciences Academy
Initial Planning/Implementation Budget

GOVERNOR'S HEALTH SCIENCES ACADEMY

A – Director Costs	TOTAL			
	$10,000 * Grant State Funds	**Perkins Funds**	**Other Funds (Local or grant funds to be described in Budget Narrative)**	**In-Kind**
1. Personnel --- 1000				
2. Employment Benefits --- 2000				
3. Purchased/Contractual Services ---- 3000	$1,000			
4. Internal Services ---- 4000				
5. Staff Development ---- 5000	$1,500			
6. Summer Component Activities ---- 5000	$2,500			
7. Travel ---- 5000				
8. Contractual Services ---- 5000				
9. Materials and Supplies ---- 6000	$2,000			
10. Equipment ---- 8000	$3,000	$10,000		$10,000
11. Facilities ---- 8000				
B – Indirect Costs **				
TOTAL	$10,000	$10,000		$10,000

INITIAL PLANNING/IMPLEMENTATION GRANT BUDGET

APPENDIX L

Governor's Health Sciences Academy Partnership Agreements

Partnership Agreement

Governor's Health Sciences Academy at
Gloucester High School, Gloucester County Public Schools &
Mathews High School, Mathews County Public Schools

The Governor's Health Sciences Academy of Gloucester High School, Gloucester County Public Schools, and Mathews High School, Mathews County Public Schools, and Mathews County Public Schools agree to work together to inspire and prepare students to pursue higher education and career opportunities in the health sciences.

Peninsula Council for Workforce Development agrees to:

- Assure that resources are provided to support Gloucester High School approved Health Science Academy classes.
- Designate a key contact person to serve as liaison and actively participate in the Governor's Health Science Academy Planning/Advisory Committee.
- Provide support and resources for approved HSA programs and activities to be offered at Gloucester High School.
- Assure the Gloucester High School approved HSA curriculum represents well-articulated career pathways that meet the requirements for the Governor's Exemplary Standards Award Program, Commonwealth Scholars Course of Study, Virginia's Workplace Readiness Skills, and Virginia Technical or Advance Technical Diploma.
- Assist in identifying health sciences employment needs and opportunities in Hampton Roads.
- Peninsula Council for Workforce Development will provide necessary support data as part of the Academy program evaluation.

By signing this agreement, Peninsula Council for Workforce Development agrees to support the measures listed above in support of the Governor's Health Sciences Academy at Gloucester High School in Gloucester County Public Schools and Mathews High School in Mathews County Public Schools.

Partner: Peninsula Council for Workforce Development

Signature: _____

Title: President and CEO

Date: 5/6/13

Partnership Agreement

Governor's Health Sciences Academy at
Gloucester High School, Gloucester County Public Schools &
Mathews High School, Mathews County Public Schools

The Governor's Health Sciences Academy of Gloucester High School, Gloucester County Public Schools, and Mathews High School, Mathews County Public Schools, and New Horizons Regional Education Centers agree to work together to inspire and prepare students to pursue higher education and career opportunities in the health sciences.

New Horizons Regional Education Centers (NHREC) agrees to:

- Assure that resources are provided to implement NHREC approved Health Science Academy classes offered through Gloucester HS.
- Designate a key contact person to serve as liaison and actively participate in the Governor's Health Science Academy Planning/Advisory Committee.
- Provide support and resources for approved HSA programs and activities at Gloucester HS to be offered at NHREC.
- Assure that all New Horizons approved HSA approved courses (offered through Gloucester HS), whereby students receive dual enrollment college credits, are aligned with content standards and faculty requirements as specified by the college credit granting agency.
- Assure the NHREC approved HSA curriculum offered through Gloucester HS represents well-articulated career pathways that meet the requirements for the Governor's Exemplary Standards Award Program, Commonwealth Scholars Course of Study, Virginia's Workplace Readiness Skills, and Virginia Technical or Advance Technical Diploma.
- Provide or assure adequate staff development, support, and credentialing for faculty as required for HSA courses.
- Assist in identifying health sciences employment needs and opportunities in Hampton Roads.
- Students from the Health Science Academy at Gloucester High School will be given divisional enrollment priority in health science academy courses at NHREC.
- NHREC will provide necessary support data as part of the Academy program evaluation.

By signing this agreement, New Horizons Regional Education Centers agrees to support the measures listed above in support of the Governor's Health Sciences Academy at Gloucester High School in Gloucester County Public Schools and Mathews High School in Mathews County Public Schools.

Partner: New Horizons Regional Education Centers

Signature: _____

Title: Principal, New Horizons CTE

Date: March 28, 2013

Partnership Agreement

Governor's Health Sciences Academy at
Gloucester High School, Gloucester County Public Schools &
Mathews High School, Mathews County Public Schools

The Governor's Health Sciences Academy of Gloucester High School, Gloucester County Public Schools, and Mathews High School, Mathews County Public Schools, and Mathews County Public Schools agree to work together to inspire and prepare students to pursue higher education and career opportunities in the health sciences.

Mathews County Public Schools, Mathews High School agrees to:

- Assure that resources are provided to implement Mathews High School approved Health Science Academy classes, pending course minimum enrollment attained and appropriate staffing.
- Courses that do not meet minimum student enrollment to be offered by Mathews County Public Schools will be offered to Mathew County Public Schools students in Gloucester County Public Schools.
- Designate a key contact person to serve as liaison and actively participate in the Governor's Health Science Academy Planning/Advisory Committee. The 2013-2014 MCPS designee will be Albert Green.
- Provide support and resources for approved HSA programs and activities to be offered at Mathews High School, pending funding.
- Assure that all Mathews High School approved HSA approved courses, whereby students receive dual enrollment college credits, are aligned with content standards and faculty requirements as specified by the college credit granting agency.
- Assure the Mathews High School approved HSA curriculum represents well-articulated career pathways that meet the requirements for the Governor's Exemplary Standards Award Program, Commonwealth Scholars Course of Study, Virginia's Workplace Readiness Skills, and Virginia Technical or Advance Technical Diploma.
- Provide or assure adequate staff development, support, and credentialing for faculty as required for HSA courses.
- Assist in identifying health sciences employment needs and opportunities in Hampton Roads.
- Students from Health Science Academy high schools will be given divisional enrollment priority in health science academy courses at Mathews High School.
- Mathews High School will provide necessary support data as part of the Academy program evaluation.
- Mathews County Schools understands that our students would not have access to courses of at the New Horizons Regional School

By signing this agreement, Mathews County Public Schools agrees to support the measures listed above in support of the Governor's Health Sciences Academy at Gloucester High School in Gloucester County Public Schools and Mathews High School in Mathews County Public Schools.

Partner: Mathews County Public Schools

Signature: _____

Title: Principal

Date: 3/28/13

Partnership Agreement

Governor's Health Sciences Academy at
Gloucester High School, Gloucester County Public Schools &
Mathews High School, Mathews County Public Schools

The Governor's Health Sciences Academy of Gloucester High School, Gloucester County Public Schools, and Mathews High School, Mathews County Public Schools, and Riverside Health System agree to work together to inspire and prepare students to pursue higher education and career opportunities in the health sciences.

Riverside Health System (RIVHS) agrees to:

- Designate a key contact person to serve as liaison and actively participate in the Governor's Health Science Academy Planning/Advisory Committee.
- Provide support and resources for approved HSA programs and activities to be offered at RIVHS.
- Assure that all Riverside approved HSA approved courses, whereby students receive dual enrollment college credits, are aligned with content standards and faculty requirements as specified by the college credit granting agency.
- Assure the RIVHS approved HSA curriculum represents well-articulated career pathways that meet the requirements for the Governor's Exemplary Standards Award Program, Commonwealth Scholars Course of Study, Virginia's Workplace Readiness Skills, and Virginia Technical or Advance Technical Diploma.
- Assist in identifying health sciences employment needs and opportunities in Hampton Roads.
- Students from Health Science Academy high schools will be given divisional enrollment priority in health science academy courses at RIVHS.
- RIVHS will provide necessary support data as part of the Academy program evaluation.

By signing this agreement, Riverside Hospital agrees to support the measures listed above in support of the Governor's Health Sciences Academy at Gloucester High School in Gloucester County Public Schools and Mathews High School in Mathews County Public Schools.

Partner: Riverside Hospital

Signature: _____

Title: ___Recruitment Coordinator_____

Date: ___April 22, 2013_____

Partnership Agreement

Governor's Health Sciences Academy at

Gloucester High School, Gloucester County Public Schools &

Mathews High School, Mathews County Public Schools

The Governor's Health Sciences Academy of Gloucester High School, Gloucester County Public Schools, and Mathews High School, Mathews County Public Schools, and Rappahannock Community College agree to work together to inspire and prepare students to pursue higher education and career opportunities in the health sciences.

Rappahannock Community College (RCC) agrees to:

- Assure that resources are provided to implement RCC approved Health Science Academy classes (HLT 143 & HLT 230).
- Designate a key contact person to serve as liaison and actively participate in the Governor's Health Science Academy Planning/Advisory Committee.
- Provide support for approved HSA programs and activities to be offered at RCC.
- Assure that all RCC approved HSA approved courses, whereby students receive dual enrollment college credits, are aligned with content standards and faculty requirements as specified by the college credit granting agency.
- Assure the RCC approved HSA curriculum represents well-articulated career pathways that meet the requirements for the Governor's Exemplary Standards Award Program, Commonwealth Scholars Course of Study, Virginia's Workplace Readiness Skills, and Virginia Technical or Advance Technical Diploma.
- Provide or assure support, and credentialing for faculty as required for HSA courses.
- Students from Health Science Academy high schools will be given divisional enrollment priority in health science academy courses delivered for dual enrollment at MHS & GHS.
- RCC will provide necessary support data as part of the Academy program evaluation.

By signing this agreement, Rappahannock Community College agrees to support the measures listed above in support of the Governor's Health Sciences Academy at Gloucester High School in Gloucester County Public Schools and Mathews High School in Mathews County Public Schools.

Partner: Rappahannock Community College

Signature: _____ Elizabeth Crowther **_____**

Title: _____President_____

Date: _____May 6, 2013_____