



## Your Lab School pathway to a STEAM<sup>h</sup> career

Richard Bland College  
Petersburg City Public Schools

Year 3 – Rural School Partners include:  
Sussex County Public Schools  
Prince George County Public Schools

# PRESIDENT'S REMARKS



**DR. DEBBIE SYDOW**

President



# LAB SCHOOL VIDEO



[WATCH THE LAB SCHOOL PROPOSAL CLICK HERE](#)



# LAB SCHOOL UPDATE



**DR. KIMBERLY BOYD**  
Vice President  
Chief Research & Innovation Officer



**MR. KENNETH PRITCHETT**  
Petersburg Board Chair  
Ward 3 Representative



# RBC LAB SCHOOL

**Globe Academy** will engineer pathways to excellence in STEAM<sup>h</sup> education for students who 1) have an interest and ability in STEAM<sup>h</sup> and 2) would gain confidence and efficacy in preparation for STEAM<sup>h</sup> careers through participation in structured, supplemental programming. Students will remain enrolled in their home school divisions and will engage in unique STEAM<sup>h</sup> experiences and hands-on research at RBC:

- STEM - Physics, Chemistry, Biology, Psychology, Math, and computer science
- Art – vision planning, creativity and innovation and
- Health – health promotion, disease prevention and healthcare.



# GLOBE PROGRAMS – SUPPLEMENTAL (TOTAL 375)

Summer STEAM<sup>h</sup> residential academy (3-6 weeks)

Weekend college - 2 weekends a month

After school weekly tutoring and instruction

3-tiered mentoring –enhanced work study, labs (on and off campus with industry partners through service learning)

Summer programs include drones (Drone-Up), aviation (Richmond International Airport), virtual reality, and health (nursing, premed with Bon Secours Southside Regional Medical Center)



# GLOBE PROGRAMS – OPTIONAL (TOTAL 375)

Advanced STEAM<sup>h</sup> research teams with tutoring and instruction

Summer STEAM<sup>h</sup> residential academy (3-6 weeks) & weekend college

Dual Enrollment courses towards an associate degree

3-tiered mentoring –enhanced work study, labs (on and off campus with industry partners through service learning, *internships*, *externships*)

Enhanced experiential learning opportunities that will include the summer programs (drones, aviation, VR and health)



# STUDENT POPULATION – OPTIONAL – ADVANCED (Total 345)

Advanced STEAM  
Research Teams

Dual Enrollment Courses

Associate Degree

Enhanced Experiential  
Learning Opportunities

School Division	YR 1		YR 2		YR 3		YR 4		YR 5	
Primary School PCPS	Target 25	Grades 11 <sup>th</sup>	Target 25	Grades 11 <sup>th</sup>	Target 25	Grades 11 <sup>th</sup>	Target 25	Grades 11 <sup>th</sup>	Target 25	Grades 11 <sup>th</sup>
			Target 25	Grades 12 <sup>th</sup>	Target 25	Grades 12 <sup>th</sup>	Target 25	Grades 12 <sup>th</sup>	Target 25	Grades 12 <sup>th</sup>
Rural School #1					Target 15	Grades 11 <sup>th</sup>	Target 15	Grades 11 <sup>th</sup>	Target 15	Grades 11 <sup>th</sup>
							Target 15	Grades 12 <sup>th</sup>	Target 15	Grades 12 <sup>th</sup>
Rural School #2							Target 15	Grades 11 <sup>th</sup>	Target 15	Grades 11 <sup>th</sup>
									15	12 <sup>th</sup>
New Students	25		25		40		55		55	
Total Students	25		50		65		95		110	





# PATHWAYS

## Stem Pathways

- Education – 4 year degree pursuit
- Natural and behavioral sciences
- Health Professions
- Aviation and Drones
- Virtual reality/Augmented Reality

Faculty expertise in curriculum (curriculum development/planning), evidence based practices, instructional programming – Preprogramming

## Academic

- Innovative learning spaces & experiential learning opportunities



# Location: Academic Innovation Center



QUESTIONS?



Richard Bland College  
of WILLIAM & MARY



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*of* WILLIAM & MARY

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**Thank you**