

Explore@RC



ROANOKE
COLLEGE

OUR PROCESS

Explore@RC allows students to immerse themselves in the college experience and navigate diverse career pathways, enabling them to visualize and build their future. With a strong emphasis on Inquiry and Problem-Based Learning, Explore@RC equips our students with the critical thinking and practical skills necessary for success in their chosen fields. Together, we are not just preparing students for the future but helping them shape it.



Immersive Experience

Explore@RC students **will be on campus**, giving them the opportunity to integrate into college life.



Guided Pathways

Explore@RC curriculum is explicitly designed to meet the **workforce** needs of the Commonwealth.



Problem-Based Learning

Our courses are designed with **Problem-Based Learning (PBL)**. PBL promotes critical thinking and communication skills in students.



Capstone

Our program offers a unique **Capstone experience**. The Capstone course emphasizes connection and work-based learning opportunities.



Impact

Peer Mentors: Explore@RC will employ education students to mentor Explore@RC participants, giving them unique student experiences to prepare for the classroom.

Professional Development: Explore@RC will offer professional development sessions to teachers, pre-service teachers, and faculty at Roanoke College.





Explore@RC Student

Student: Saheisha Cherichel
Pathway: STEM/Healthcare

"I feel like being able to go to a college campus is a different experience than being at the high school, and I feel like I will be more independent."

"I am very excited to get college credits and take Crime and Chemistry."

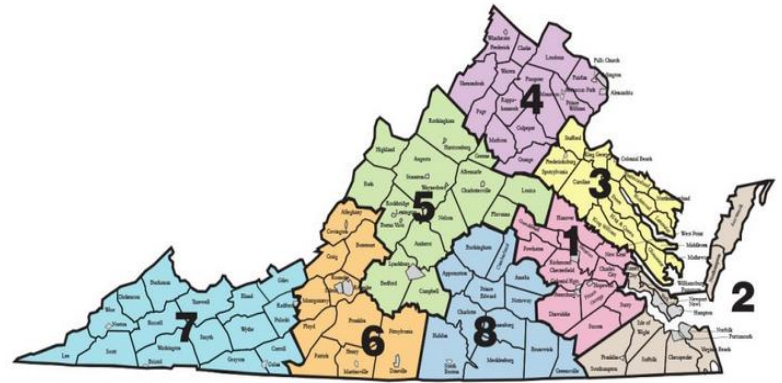
"I hope to work in the medical field one day, maybe as an ultrasound tech."

-Saheisha Cherichel, April 9th, 2024

Need

Pathways

- ▶ Virginia Department of Education reported over 3500 teacher vacancies in 2023-24.
- ▶ STEM/Healthcare is the largest employer in the region.
- ▶ In a study conducted by LinkedIn, communication was the most commonly required skill in job opportunities posted to the platform (2024).



Region 6 Top Employers

Carilion
HCA Health System
Walmart
Wells Fargo Bank
Kroger
Regional school districts

Communication / Civic Engagement

Communications

Environment & Society

Early World Literature

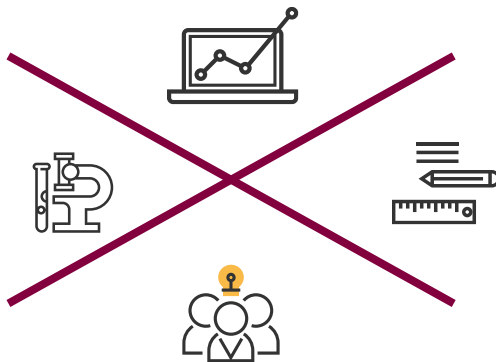
STEM/Healthcare

Introduction to Public Health

Chemistry & Crime

How to Build a Dinosaur

Exploring Biology



Education / Global Studies

Principles of Education

Mathematical Concepts in K-8

Fundamentals of Theater

Additional Experiences

Orientation to college work

Experiential fieldwork

Academic Coaching

Peer mentoring

Schedule

Day in life of an Explore@RC Student

Alisson Education/Global Studies

Mon/Wed/Friday

- 8:15: Arrive to Roanoke College
- 8:30: Principles of Education
- 9:40: Open Study/Mentoring
- 10:50: Cohort Meeting
- 11:45: Depart Campus
- 12:00: Return to School

Tuesday/Thursday

- 8:15: Arrive to Roanoke College
- 8:30: Mathematical Concepts in K-8
- 9:40: Open study/Mentoring
- 10:50: Cohort Meeting
- 11:45: Depart Campus
- 12:00: Return to School

Saheisha STEM/Healthcare

Mon/Wed/Friday

- 8:15: Arrive to Roanoke College
- 8:30: Open Study/Mentoring
- 9:40: Intro to Public Health
- 10:50: Cohort Meeting
- 11:45: Depart Campus
- 12:00: Return to School

Tuesday/Thursday

- 8:15: Arrive to Roanoke College
- 8:30: Chemistry & Crime/Lecture
- 9:40: Chemistry and Crime/Lecture
- 10:50: Chemistry and Crime/Lab
- 11:45: Depart campus
- 12:00: Return to school

Partnerships





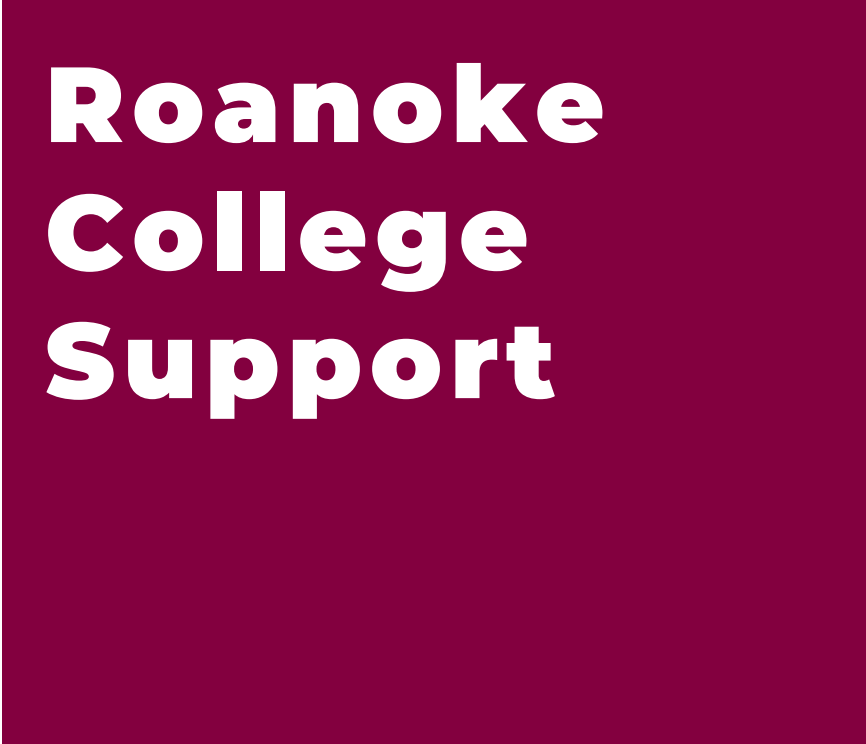
Salem City Schools Partnership

“We are excited **to collaborate with Roanoke College** to provide our students with additional career pathways. The research is clear that taking **college-level courses will benefit our students**, making it more likely that they will attend college at some point after high school. We are looking forward to this partnership and the **opportunities it will provide for our students and the community.**”

-Dr. Curtis Hicks, Superintendent Salem City Schools

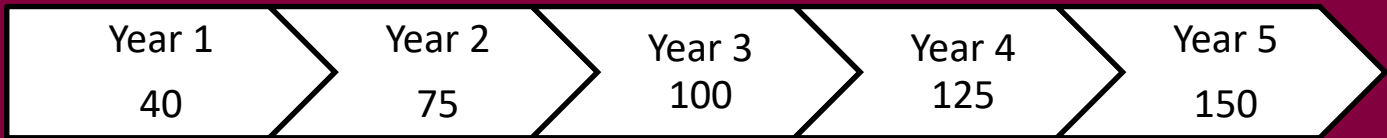
Strategy

- Recruit more students in the Commonwealth with an emphasis on regional recruitment
- Grow work-based learning opportunities for students
- Create more accessible pathways to college for all students
- Building strategic communities



**Roanoke
College
Support**

Enrollment



\$ in 000's

	Yr 0	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Total	Comments
Lab School Operating Costs								
Personnel		219	388	539	702	785	2,633	provide details separately
Non-personnel Expenses	63	33	58	75	93	110	432	provide details separately
Staff development	30	19	21	21	21	21	133	provide details separately
Equip/Tech/Furniture	907	5	55	30	15	18	1,030	provide details separately
Admin Fee		1	1	2	2	2	8	provide details separately
Total Lab School Operating Costs	1,000	277	523	667	833	936	4,236	[A]
<i>Annual Enrollment (# of pupils)</i>		40	75	100	125	150	150	<i>based on experienced ramps</i>
<i>Cost per pupil (\$)</i>		\$6,925	\$6,973	\$6,670	\$6,664	\$6,240	\$5,647	
Estimated Lab School Funding								
Planning Grant	192						192	per lab school application
Start-up	1,000						1,000	per lab school application
Operating		280	525	700	875		2,380	per lab school application
Subtotal College Partnership Lab School Fund	1,192	280	525	700	875	-	3,572	
Outside Funding								
Local share						103	103	Cost share with Salem City Schools in FY29-30 (year 5). \$43 per credit; 4 credit
Grants- Private Foundations					200	200	400	Teagle Foundation, McArthur Foundation, Kellogg Foundation, Arthur Vining Da
Grants- Federal						500	500	NSF-STEM, DOE
Matriculated Explore@RC students tuition			13	40	108	221	382	Full-time commuter student net tuition revenue and fees; Year 1 \$12,738 per stu
Matriculated student tuition from residual marketing				27	69	140	236	Full-time commuter student net tuition revenue and fees (non-Pell contributions)
Philanthropic funding- individual donors			20	20	20	20	80	Working with Education alumni, STEM alumni, and Communications/Civic Enga
Higher education institution support- Grant consultant		30	30				60	In-kind support
Higher education institution support- Marketing costs		5	5	5	5	5	25	In-kind support
Endowment income					50	50	100	Working to build a \$1M endowment that will begin to earn revenue in year 4 (5%
Subtotal Other Funding	-	35	68	92	452	1,239	1,886	
Total Funding	1,192	315	593	792	1,327	1,239	5,458	[B]

Funding Sustainability?

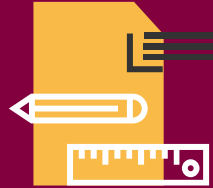
Yes

Funding is greater than costs

Sustainability



LOCAL SHARE



FEDERAL



PRIVATE



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Thank you

Questions

References

<https://www.linkedin.com/business/learning/blog/top-skills-and-courses/most-in-demand-skills>

<https://roanoke.org/research-data/labor-statistics/leading-employers/>

State data shows ongoing teacher shortage in Virginia
ANNA BRYSON Richmond Times-Dispatch Jan 12, 2024



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