



SERVICE THROUGH STEM

BUILDING SOCIAL RESPONSIBILITY AND SCHOOL PARTNERSHIPS

ABOUT YVCHR

We engage youth in team-based service experiences that build life and work skills while inspiring a lifetime ethic of service.



DOERS

The program aims to engage high school and 5th grade students in hands-on STEM activities through mentorship and service projects that make a tangible impact on our community.



DEVELOPERS

It combines NEER (Nurture, Educate, Empower, Reflect) Peer Mentoring and STEM (Science, Technology, Engineering, and Mathematics) challenges.



DIFFERENCE MAKERS

By participating, students not only acquire essential STEM skills, but also develop a strong sense of social responsibility and leadership.

TESTIMONIALS

"Service Through STEM gave me more confidence and connected me to kids that I could help."

KEY COMPONENTS

- **Objective:** Engage high school and 5th-grade students in hands-on STEM activities through mentorship and service projects.
- **Outcome:** Acquire essential STEM skills and develop social responsibility and leadership.

Literacy Component

We provided books to every classroom that reinforce each excursion and encourage a joy for reading.



Guided Relationships

High school club members are provided near-peer mentor training through William & Mary. They develop skills and receive tools to help foster impactful relationships that set relevant objectives with 5th grade students.



Innovative Showcase

Each club offers comprehensive support in terms of resources, materials, and promotional content for every school.



Positive Youth Development

Through immersive challenges and introspective activities, both high school and elementary school students will increase their protective factors, depend their sense of social responsibility, and deepen an interest in STEM careers.



Outcomes

- 8% Increase in daily attendance
- 1,747 Hours of service
- 72% of students reported feeling more valued

