

COLLEGE and CAREER readiness

PBL
PROJECT-BASED
LEARNING



TEAM COLLABORATION
30 TIMES
A YEAR

4 YEARS OF MATH AND SCIENCE

2+ YEARS OF MANDARIN CHINESE

100
HOURS OF
COMMUNITY
SERVICE



100+
PRESENTATIONS
ACROSS
FOUR YEARS



A NETWORK that opens doors

20+ MONTHLY INTERACTIONS WITH
BUSINESS PROFESSIONALS



I-TERM: 2 WEEK ANNUAL CAREER EXPLORATION PROGRAM

TUITION REIMBURSEMENT FUND
FOR COLLEGE-LEVEL COURSEWORK

Recognized RESULTS

89-100% RANGE
OF PASSING RATES ON
REQUIRED REGENTS EXAMS*



87% SECOND YEAR
COLLEGE PERSISTENCE
RATE**

*Independent review, 2015
**National Student Clearinghouse



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Innovative. Authentic. Student-centered.



ENGAGED &
SELF-DIRECTED
LEARNERS



SUCCESSFUL
IN MASTERING
ACADEMIC
CONTENT



EFFECTIVE
COLLABORATORS



ARTICULATE
& CONFIDENT
COMMUNICATORS



GLOBAL STEWARDS
& CULTURALLY-AWARE
CITIZENS



INFORMED & LITERATE
TECHNOLOGY USERS

Tech Valley High School graduates are:



Engaged & Self-directed Learners

Graduates hold themselves accountable for their education by making personal choices for the benefit of themselves and others. They set goals, manage resources, and create and implement their own learning plans. Graduates have a growth mindset – they seek challenges, grow from setbacks, and purposefully connect the things they learn to their own lives. Self-directed students are persistent, resilient and able to adapt to changing circumstances.

“TVHS has provided me with opportunities outside of school that have exposed me to college early and allowed me to get a head start on life.



Tech Valley is here to back you up, but I've learned you have to be the one to move things forward.”

Andreea Musteata
Class of 2016, Guilderland



Articulate & Confident Communicators

Students engage in discourse, exchange ideas and present information to classmates, faculty, and professionals from academic, business and political communities. By the time they graduate, TVHS students present their work more than 100 times using oral, written, technological, mathematical, graphic, and artistic forms of communication. They can advocate for themselves and be persuasive.

“Presenting more than 100 times to different types of people makes you learn, and I can definitely communicate ideas much more clearly.”



Farzana Musomi
Class of 2017, Hudson



Effective Collaborators

Graduates serve as productive members of diverse teams, ranging from their peers, to business professionals, to government officials and other community members. The majority of TVHS coursework is completed through a collaborative process that teaches students how to lead, manage and support team goals. Graduates display strong interpersonal communication skills and demonstrate a commitment to shared and personal success.

“Project-based learning is the setup of the entire world. You have a goal you need to achieve, and you need to work with the people around you to achieve that goal.”



Markus Jones
Class of 2017, Cocksackie-Athens



Informed & Literate Technology Users

Students design, construct, use, and evaluate appropriate technology that is seamlessly integrated into their everyday learning. They use technology to help them think critically about projects and problems. Students have an awareness and understanding of the region's emerging technologies, adapt to ever-changing technology platforms, and prepare for technology that does not yet exist.

“There are unique opportunities here in the way technology is integrated into everything we do. It's important to have technology literacy because computers are everywhere. Not being able to use technology will cripple your ability to not only work, but function in today's society.”



Nikita Losi
Class of 2017, Wynantskill



Global Stewards & Culturally-aware Citizens

Because of the school's culture of acceptance, students understand the rights and responsibilities of citizenship, including an ethical-based sense of social responsibility. Students have cross-cultural awareness and experience working with people from diverse backgrounds. They are focused on making their school, communities, and the world better places.

“Tech Valley has made me aware that there are social issues in our community and that even though I'm young, I can still take them on.”



Kira Kested
Class of 2017, Greenville



Successful in Mastering Academic Content

Graduates master and, more importantly, can apply core content at the commencement level as required by the State of New York. Graduates are additionally required to complete four years of math, four years of science, and at least two credits of Mandarin Chinese. Students understand the connections between content areas. When confronted with real life challenges, students pose questions, process information, understand concepts, and develop solutions. They gain experiential learning in careers through an annual two-week internship program that helps them determine their futures.



“Because I'm going into a science-based field, the four-year math and science graduation requirement is giving me the critical thinking ability that I need.”

Domanique Fiddeman
Class of 2017, Troy

