



WALTER E.
STEBBINS
HIGH SCHOOL

**Nationally Recognized Career and
Technical Education Programs**





MISSION STATEMENT

Provide a comprehensive environment where students have diverse opportunities to learn, excel, and prepare for the future.



About Us

Stebbins High School is not only an award winning high school – it also offers its students a unique opportunity to “stay at home” and attend state and national award winning career technical programs at its Career Technology School.

For over 50 years, career-tech at Stebbins High School has been helping students find their place in the ever-changing workforce. Through practical application and hands-on learning we can help you find your way to an amazing career or to continue your education once you graduate.

Career and Technical Education (CTE) prepares Stebbins students for high-demand careers, from nurses to engineers, and hundreds of careers in between. Mad River Local Schools embraces the concept of career and technical education for all students and provides counseling, highly-qualified teachers, technology-rich labs, an expansive curriculum, and many support services for students in K-12.

Through classroom instruction, laboratory experience, cooperative work experience and option programs, students are prepared with job entry skills or the necessary prerequisites for additional technical or academic training beyond high school.

STEM Designation

The Ohio Department of Education awarded Stebbins High School with the STEM (Science, Technology, Engineering, and Math) designation, recognizing the district’s commitment preparing students for these high-demand industries.

The goal of STEM schools is to foster intellectual, entrepreneurial and technical talent. This is vital to Ohio’s future economic growth and prosperity. It helps all Ohio students become innovators and inventors, self-reliant and logical thinkers and technologically proficient problem solvers. The Ohio Department of Education is a partner in Science, Technology, Engineering and Mathematics (STEM) focused on the infusion of high-level mathematics and science into curriculum.



CAREER & TECHNICAL HIGHLIGHTS

Scholarships

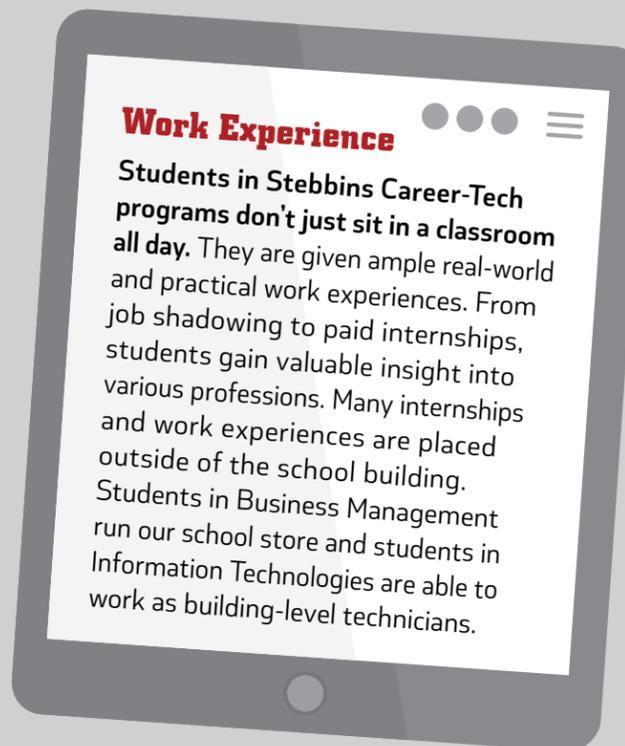
Students from Stebbins stand out on scholarship applications, earning hundreds of thousands each year in scholarship money. A partnership with Sinclair Community College gives students enrolled within our 10 CTE programs the opportunity to

EARN A \$3,000 SCHOLARSHIP

upon successful completion of the program.

College Credit

Many of our programming options give students the chance to earn free college credits while enrolled in high school. **This gives them a jumpstart on college preparation and has the potential to save them thousands of dollars in tuition.**



Career-Technical Student Organizations

Another standout reason to enroll in career-tech is the opportunity to **compete in skills competitions** and gain valuable leadership skills that build employability allowing our students to stand out after high school. Students in our programs participate in **Business Professionals of America (BPA), HOSA Future Health Professionals and SkillsUSA.**



Business Partnerships

Each of our programs maintains **strong community partnerships with business and industry.** Our business partners help us keep our programs relevant to industry needs so our students are well-prepared. These partnerships also give Stebbins students the chance to gain valuable work experience while in high school.





HIGH SCHOOL CAREER-TECH PROGRAMS

Accounting and Finance

Prepare for careers in the high-demand accounting and finance industry in this program. Career opportunities are many, including accountants, bankers, financial advisors, stock brokers, treasurers, mutual fund managers, insurance or real estate agents and many more.



Allied Health and Nursing

Students will develop unique skills within this program, including the technical skills needed to provide clinical assistance in patient care, emergency interventions (CPR, first-aid, AED), nutrition, vital signs, communication, CPR, first aid, AED and basic life support certification, patient advocacy, EKG skills and much more.



Business Management

Prepare for careers in the business profession, including as an office manager, human resources manager, chief executive officer (CEO), controller, adjuster, or as an entrepreneur. Students develop skills in leadership, human relations, communications, sales, professional networking, public speaking and much more.

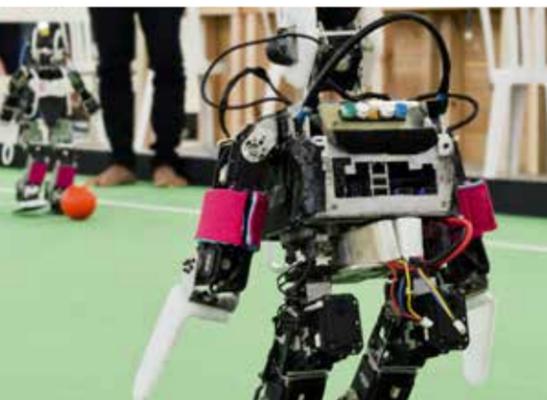
Construction Technologies

Students learn valuable life skills through the skilled trade of construction. Students can expect to learn about concrete, masonry, framing (floor, wall, roof), residential electricity (basic wiring) and much more. This prepares students for the demands of a booming construction industry.



Engineering

A program that combines academic coursework, research experience, and a challenging and focused school environment. This program also prepares students for careers in science, technology, engineering and math (STEM).



Exercise Science

Prepare for careers in the sports medicine and exercise science profession while developing skills that include a vast knowledge of medical terminology, anatomy and physiology, rehabilitation and the treatment of athletic injuries, exercise program development and personal training certification curriculum.



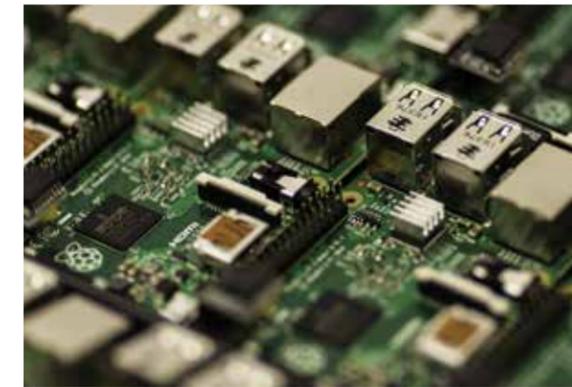
Heating, Ventilation, Air Conditioning and Refrigeration (HVAC-R)

This program specifically prepares students for entry-level careers in the HVAC-R trade with a residential or commercial company. Students will develop unique skills within this program, including the fundamentals of furnaces, air conditioning units, heat pumps and refrigeration systems. Students have the opportunity to earn the EPA 608 certification to handle refrigerants.



Information Technologies

This is a college preparatory program and offers a rigorous program of study by combining high-level academic and technical content. The program is designed as a seamless grade 10 through associate degree and/or bachelor's degree program. Career opportunities span various specialities (networking, hardware, software, web) within the industry including data entry, software technician, network technician, webmaster, web designer, computer and network engineer and much more.



Manufacturing Technologies

Students will develop skills within this program preparing for careers in the high-demand manufacturing industry. These skills include industrial lathe and mill operation, CNC lathe and mill operation, CNC programming, geometric dimensioning and tolerancing and more.



Visual Design and Imaging

Prepare for careers in the visual design field, including as a graphic designer, art director, creative director, photographer, illustrator, web designer, video producer and much more by developing skills in the use of Adobe Creative Suite, basic photography, communications, and use and manipulation of visual elements, color and typography.





Middle School Career Exploration

Additional High School Opportunities

Air Force Junior Reserve Officer Training Corps (AFJROTC)

AFJROTC has been at Stebbins High School since 1967, making it one of the oldest continuous AFJROTC programs in Ohio. Stebbins' AFJROTC has earned multiple state and national championships with competitive drill.

The mission of the AFJROTC program is to develop citizens of character dedicated to serving their nation and community. AFJROTC's goals are to instill values of citizenship, give service to the United States, develop a personal responsibility, and instill a sense of accomplishment in high school students. The objectives of AFJROTC are to educate and train high school cadets in citizenship; promote community service; instill responsibility, character, and self-discipline; and provide instruction in air and space fundamentals.

Stebbins Athletics

Stebbins is a member of the Greater Western Ohio Conference (GWOC) fielding teams in football, men's and women's soccer, men's and women's bowling, baseball, softball, men's and women's tennis, wrestling, men's and women's basketball, men's and women's track and field, cross country, cheerleading, volleyball, golf, as well as academic team. There are also many after school clubs offered for students.

Stebbins Music Department

Stebbins offers a comprehensive fine arts experience for students. Students can participate in orchestra, marching band, symphonic band, concert band, jazz band, pep band, concert choir, symphonic choir, women's chorus, and many ensembles and chances to compete.

College Credit Plus

College Credit Plus (CCP) gives students in grades 7-12 the opportunity to take college courses for free and earn high school and college credit before graduating high school. Stebbins High School maintains strong opportunities for our students to earn college credit while in high school in various courses. **College Credit Plus has resulted in more than \$3 million dollars in tuition savings to Ohio families.**

Benefits for Students and Their Families

- Earn high school and college credit for classes taken;
- Reduce the time and cost to earning college credit;
- CCP course grades are weighted the same as AP/IB and other advance standing classes on high school transcript;
- By completing 30 hours (one year) through CCP, students and families can save an average of \$20,000 of future tuition costs.

Through our partnership with **Sinclair Community College**, Stebbins gives students ample offerings while in high school to earn free college credit.



Middle school students in the Mad River Local School District have the unique opportunity to explore career pathways in the areas of science, technology, engineering and mathematics (STEM). Our STEM-based learning approach builds career awareness in these high-demand fields through five innovative courses. All middle school opportunities are Project Lead The Way (PLTW).

Design and Modeling

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture, capturing research and ideas in their engineering notebooks. Using Autodesk® design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions.

Flight and Space

The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil. Custom-built simulation software allows students to experience space travel.

Green Architecture

Today's students have grown up in an age of "green" choices. In this unit, students learn how to apply this concept to the fields of architecture and construction by exploring dimensioning, measuring, and architectural sustainability as they design affordable housing units using Autodesk's® 3D architectural design software.

Automation and Robotics

Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

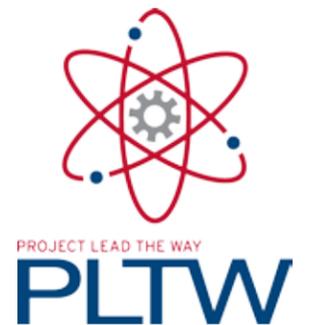
Introduction to Computer Science 1

Studies show that by 2018, 1.4 million job openings will be available for computer specialists. In this unit, students discover the principles of this fast-growing field by focusing on creativity and an iterative design process as they create their own basic apps using MIT App Inventor.

Project Lead The Way

PLTW programs prepare students with in-demand knowledge and transportable skills and transform the teaching experience.

PLTW has five programs which create K-12 pathways in computer science, engineering, and biomedical science and prepare students with the in-demand knowledge and skills they need to thrive in an evolving world.





Discover more at
MadRiverSchools.org

Ready to Learn More?

Contact:
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