



Canaan Schools



AND CAREER CENTER

Canaan, Vermont

canaanschools.org

Welcome



to Canaan schools
and Career Center



We are a member of the Essex North Supervisory Union, which is located in Vermont's scenic and rural northeast corner along the banks of the Connecticut River. The Canaan Schools promote citizenship, curiosity, creativity, and the pursuit of individual excellence while providing a safe and supportive learning environment.

WE ARE A PRE-KINDERGARTEN-12 CAMPUS, including a Career and Technical Education Center, which contributes to a strong sense of community and allows us to provide our students with rich, multi-age experiences. Our school is an active learning community that provides broad academic and technical career programs, early college and dual enrollment, co-curricular offerings including athletics, visual, and performing arts, and world languages through our partnership with Middlebury Interactive Languages. Through these and other initiatives, we help students become educated, responsible, caring and contributing members of society.



I am constantly amazed at the accomplishments of our students and extremely proud of the colleges and careers they pursue after high school.

Our academic program helps students become proficient in core academic areas including literacy, mathematical content and practices, scientific inquiry, global citizenship, physical and health education, and artistic expression. We also help them develop transferable skills such as clear and effective communication, self-direction, creative and practical problem solving, involved citizenship, and informed thinking. When students graduate, they're well prepared for life after high school, whether they're heading to college or straight into a career. Thanks to our rural location we have an exceptionally supportive business and professional community, and students often take advantage of work-based learning opportunities to build their education in the trades, professions, and careers that interest them.

I invite you to read through this booklet and learn more about the Canaan schools and our unique learning community. Please contact the school if you have questions or would like to schedule a visit.

Karen E. Conroy

SUPERINTENDENT



Schedule a visit!
802-266-8910



ACADEMICS



Under Vermont's "Flexible Pathways," students' personalized learning plans can include credits earned through independent learning, work based learning, early college, dual enrollment, or enrollment at the CTE center.

Canaan Schools offers a full program of academics, guidance and advisory that starts in Pre-Kindergarten and extends to graduation.

IN THE ELEMENTARY YEARS, we support every child's healthy development by combining play with academics tied to the Vermont Early Learning Standards. We promote a



love of learning and exploration while respecting each child's individuality. Students explore their interests through traditional classes like reading, math, science, and so-

cial studies, as well as a full menu of art, music, library, and physical education programs.

AS STUDENTS ENTER MIDDLE SCHOOL, they begin developing personalized learning plans that combine their strengths, interests, and future goals. Working with their advisors, they select a sequence of courses that will lead to high school studies geared either to preparation for college or success in a chosen career. At this important time in students' lives, we are committed to giving them exposure to broad opportunities that will help them make the right choices.

One of the most important things they will begin to think about, even in middle school, is whether to prepare for college or for a specific career. And while college prep is an important aspect of a student's education, we

are mindful that attending a four-year college is not the best fit for every student, especially when well-paying jobs in the skilled trades are on an increase.

To that end, **we introduce all middle school students to a range of Science, Technology, Engineering and Math (STEM) courses to expose them to subjects that could lead either to further study in college or to careers in these growing areas.** In the fall of 2020, the Canaan Career Center expanded its offerings to middle school students in advanced manufacturing, building trades, business, diversified agriculture and emergency services. This isn't intended to provide specific training in these areas, but rather to expose them to potential careers before they decide which direction—pursuing college or a career after high school—makes the most sense for them.

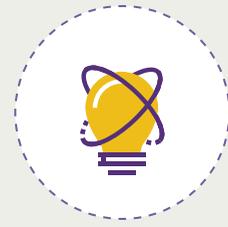
While a number of our seniors head off to some of the finest colleges in the country following graduation, there are also many who want to build lives and businesses right here at home. If we want to give all of our students the opportunity to succeed, we have to provide them with the means to do so. By introducing middle school students to both college and career preparatory course offerings, we believe they'll be in a better position to plan for life after high school.

Achieving Proficiency

Following passage of the Flexible Pathways Act, or Act 77, students must demonstrate proficiency in both core and transferable learning skills. All courses at Canaan Memorial High School have a set of course proficiencies that are taught and assessed in order to determine proficiency.

Through the Connecticut River Collaborative, students may also take classes at Colebrook Academy and Pittsburgh High School to supplement their schedules and take courses that might not be offered at CMHS. Credits and grades transfer to CMHS and count toward graduation.

We encourage all students to reach well beyond our minimum graduation requirements and make the most of our many educational opportunities.



TRANSFERABLE SKILLS

- Effective communication
- Self-direction
- Creative and practical problem solving
- Responsible and involved citizenship
- Informed and integrative thinking



CORE LEARNING SKILLS

- Literacy, including critical thinking, language, reading, speaking, listening, and writing
- Mathematical content and practices, including numbers, operations, and the concepts of algebra and geometry
- Scientific inquiry and knowledge, including life sciences, physical sciences, earth and space sciences, and engineering design
- Global citizenship, civics, economics, geography, world language, cultural studies, and history
- Physical and health education
- Artistic expression, including visual arts, media, and the performing arts

MORE OPTIONS FOR LEARNING



JUNIORS AND SENIORS CAN TAKE COLLEGE COURSES FREE

\$0

In addition to Dual Enrollment, Early College, and its traditional course offerings, CMHS also offers the following opportunities:

INDEPENDENT STUDY: This is an option for students who have a strong interest in learning that goes beyond the regular curriculum. It is initiated by the student, who works with a faculty mentor. Students receive credit for successful completion of independent study, but it does not substitute for required course work.

VIRTUAL HIGH SCHOOL: CMHS has partnered with Virtual High School to offer “virtual” or online courses. Students can choose from among 200 courses that are not offered at CMHS and receive elective credit when they finish. They have an online course instructor and an in-house coordinator for academic and technical support.

WORK-BASED LEARNING: Through its Work-Based Learning Program, CMHS offers real-world learning experiences to juniors and seniors. This program places students in internships with local businesses and organizations where they are paired with a mentor to pursue their personal interests and develop their academic skills. For students wishing to enter the workforce after graduation, this can be an ideal way to make contacts and get a jump start on a career.



An Early Start to College

CMHS offers a number of dual enrollment courses that prepare students for college-level learning while allowing them to earn both high school and college credits.

Juniors and seniors can take up to two free courses at 19 colleges throughout the state. The majority of dual enrollment courses are offered through White Mountain Community College's Running Start program, which allows students to earn up to 52 college credits by the time they graduate from high school. Early College allows high school seniors to take a full year of college classes while earning their high school diploma.

The program serves simultaneously as a student's senior year of high school and first full year of college. Both Dual Enrollment and Early College can make earning a 2- or 4-year college degree significantly less expensive.

ALTERNATIVE LEARNING: Through a collaborative partnership with Northeast Kingdom Learning Services, CMHS provides a student-centered, strength-based learning path to a high school diploma when a traditional high school education has proven unsuccessful. The program helps students identify their long-range personal and career goals, and helps develop an engaging and relevant education plan. Ultimately, students address their goals in a meaningful way and meet their high school graduation requirements.



DUAL ENROLLMENT CLASSES FROM WHITE MOUNTAIN COMMUNITY COLLEGE

- Accounting I
- Biology
- Business Administration
- Business Logic and Ethics
- Calculus
- Chemistry
- Composition
- Comprehensive Presentation Methods
- Computer Applications
- Environmental Science
- Forest Resources
- Human Anatomy and Physiology
- Forensics
- Marketing
- Physics
- Pre-Calculus
- Quantitative Reasoning
- Statistics
- Survey of American Literature
- Tree and Shrub Identification



Growing up in such a small town, most people expect young folks like me to leave after high school and never come back. I left, I didn't love the urban life, and I came back. I want to help encourage younger generations to return to the area to follow their dreams. - MEGAN FLANAGAN, Class of 2015



CAREER & TECHNICAL EDUCATION CENTER

CMHS offers students a number of CTE programs and pathways that lead to jobs in some of today's most sought after fields, as well as to enrollment at colleges and universities throughout the U.S.



ADVANCED INTEGRATED MANUFACTURING

AIM focuses on helping students understand and succeed in the rapidly changing world economy by teaching them critical thinking, problem solving and teamwork skills. Programming takes students all the way through the stages of production, manufacturing, and distribution, teaching them about software technologies, electronics and coding, and production methodologies such as 3D printing, machining and laser engraving/cutting. Through mentorship opportunities, job shadowing and interaction with industry representatives, students are exposed to multiple career paths and post-secondary courses of study. Graduates are able to obtain entry-level employment in a wide range of fields or continue to college.



DIVERSIFIED AGRICULTURE AND NATURAL RESOURCES

This program provides both classroom and field experience in modern-day agriculture and natural resources work. The program introduces students to animal, agriculture, wildlife, forest, and environmental sciences through a variety of activities including vegetable production, maple sugaring, sawmill operation, forest inventory work, wreaths, and small-scale logging. Students take part in activities that encourage communication, develop decision making skills, and teach entrepreneurial business concepts. Graduates enter a wide range of agriculture related careers as well as pursue post secondary study. Safety is a constant focus as students often work with chainsaws, tractors, and other outdoor equipment and tools on a daily basis.



BUSINESS ADMINISTRATION AND TECHNOLOGY

This program provides students with the opportunity to study entrepreneurship, accounting, marketing, technology, and financial literacy. The knowledge and skills students gain through hands-on learning and dual-credit opportunities prepare them for employment in a wide range of fields, as well as success in college. Students participate in Future Business Leaders of America (FBLA), the school store, and can earn 18 college credits at White Mountains Community College.



BUILDING TRADES AND RESTORATION CARPENTRY

This hands-on program gives students entry-level job skills in carpentry and related trades in the construction industry. Through the renovation of existing buildings, students learn carpentry skills including framing, sub-flooring, roofing, foundations, interior and exterior finish work, and power tool use and safety. The program also introduces students to the field of historic preservation. Graduates may enter a construction trade or continue on to college. Graduates are guaranteed admission into Vermont Tech's Construction Management and Practices Program.



WELDING

A certificate program offered through White Mountains Community College, our Welding program teaches students a range of various welding techniques and offers the potential to earn up to three college credits.



Studies have shown that high schools with career and technical education centers on the same campus create huge crossover opportunities for students to prepare for college while also exploring careers in manufacturing, business, agriculture, and the trades. CMHS offers students a number of CTE programs leading to jobs in some of today's most sought after fields.



Some of the Many Industry Recognized Certifications at the CTE Center



- Emergency Medical Technician
- CPR/AED First Aid
- Fire Fighter I
- OSHA 10 & 30
- Commercial Driver's License
- Introduction to Welding
- Traffic Control Flagging
- RRP Certified Lead Renovator
- Game of Logging Level 1-4
- Ramset Powder Actuated Tools
- Microsoft Certification
- Licensed Nursing Assistant
- Knowledge Matters Personal Finance
- Conover Credential Workplace Readiness
- Google Workspace Certification



FIRE AND EMERGENCY SERVICES

provides the basic instruction required for entry-level work or post-secondary training in the fields of Emergency Medical Services and Fire Science. Students learn to demonstrate problem-solving and critical thinking skills to analyze and evaluate situations independently and in teams. They apply emergency service response skills to manage incident scenes as First Responders and make informed, healthy choices that positively affect the health, safety and well-being of themselves and others. Graduates are prepared to pursue careers as firefighters, emergency dispatchers, paramedics, EMTs, fire marshals, wilderness EMTs, arson investigators, flight paramedics, and emergency equipment salespeople.



CRIMINAL JUSTICE

Through a collaborative relationship with White Mountains Community College, Border Patrol and Protection, and other law enforcement agencies, our Criminal Justice pathway exposes students to a range of careers in protective services. While the program is primarily focused on criminal justice, a Protective Services CTE program prepares students for careers in firefighting, security, emergency medicine, law enforcement and corrections. With further education and experience, students can find opportunities as Fire Marshals or fire line officers, police department administrators or police line officers, industrial security administrators, corrections officers, EMS or commercial security administrators.



HEALTH SCIENCE

Students entering the Health Science pathway commit to two years of classroom, hands-on and field-based training. This comprehensive curriculum allows students to explore a wide range of career opportunities within the health career field. They earn college credits, state licensure, and state and national certifications. Through collaboration with community agencies and employers, students gain clinical experience and practice essential work readiness traits including communication, collaboration, goal setting, teamwork and problem solving. They are prepared, both academically and professionally to enter the workforce or pursue further training/postsecondary education within the healthcare field. In addition to their coursework, students earn Healthcare Provider certification for CPR and First Aid, HIPAA compliance training and blood-borne pathogen certification. Students also focus on portfolio development.

Most of our CTE programs offer embedded credits in math and English, which can help students meet their graduation requirements.

The FAST FORWARD program allows Vermont students to get credit for college courses taken at regional CTE centers. Fast Forward is designed for students who have not yet graduated from high school and helps them earn high school and college credits (from either VTC or CCV), earn their degree faster, and start their career sooner.



I would never have graduated high school without Diversified Agriculture. It taught me to show up, work harder than the person next to me, and never stop striving to better myself. - **SAGE JOHNSON**, Class of 2015

CLUBS AND SPORTS



Clubs

- Builders Club
- Future Business Leaders of America
- Future Farmers of America
- Girls on the Run
- Key Club
- K-Kids
- National Honor Society
- Our Voices Exposed
- Outing Club
- Student Council

Sports

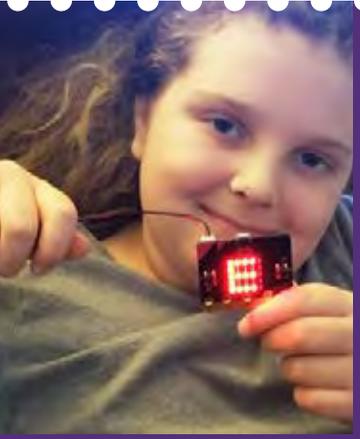
- Cross Country
- Soccer
- Basketball
- Softball
- Baseball

Statewide Programs

- Hugh O'Brien Youth Leadership
- Governors Institute of Vermont
- Upward Bound
- VSAC Gear Up



Get in Touch **802.266.8910**



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