



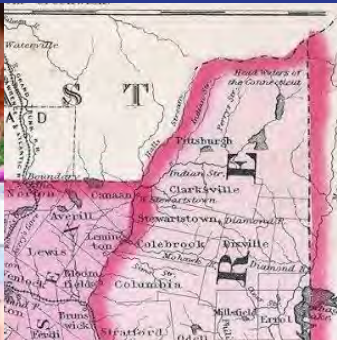
Connecticut River Valley Collaborative Committee

Reimagining High School and Career and Technical Education in
Northeastern Vermont and Northwestern New Hampshire



History of Education in the Region

Goals CT River Collaborative



Connecticut River Valley Collaborative Committee

Exploratory Study -

1. **Process - Exploratory**
2. **Models Researched**
3. **Advisory Votes**
4. **Formation of the Compact Committee**

Interstate School Compact Planning Committee 2019-present

1. **Design Regional High School and Career Technical Education Center**
 - a. **Two Models (locations)**
 - b. **Financial Analysis**
 - c. **Educational Programs**
 - d. **Governance (Articles of Agreement)**
2. **Guided by New Hampshire/Vermont Interstate School Compact Section 200-B:1**

Reimagining High School In the Regional District

Let's envision the future for our high school students in the new interstate school district.

IDEA # 1


Academy high schools where every student is enrolled in a pathway <https://tinyurl.com/ya5kfx5p>

IDEA # 2

Middle college high school, which goes to grade 13 and students graduate with a HS diploma and associate's degree. Typically these are housed on a college campus to facilitate the classes, but we could look at it the other way and bring a community college to the high school campus.

IDEA # 3

Embedded academics, thereby allowing students to spend more time in the hands-on experiences of CTE while still completing the basic skills competencies.



Reimagining High School In the Interstate District

IDEA # 4


CTE after dark. Offering CTE programming in the afternoon and evening; primarily for the adult learner/career changer, but also allowing HS students to attend for credit. This helps is there is a course conflict in the daytime, or the student simply wants to receive additional industry skills.

IDEA # 5

School-wide theme. Running a common thread throughout the school coursework. The North Country CTE centers are considering outdoor recreation, sustainability, or integrating drone technology across all programs.

IDEA # 6

Mobile health science lab. Adding a health science program can be expensive, as it generally requires the build-out of a mock hospital setting. One idea is for a school to purchase an RV and outfit the inside with several hospital beds. This would lower the cost of the investment, and allow the classroom to be shared between several schools.



Scenario of the Future

School buildings will be vibrant and dynamic. They will feature what is today called “flexible seating.” In other words, many schools will look more and more like a WeWork or your favorite coworking space! Schools will feature maker spaces, and engineering spaces so students can use their hands to manipulate items and learn. Schools will be filled with new technologies like VR/AR sets, voice controlled devices and the latest laptops and tablets for each student to engage with.

Students change constantly. In 2030 learning will come to students on demand in the form of cutting edge technology. There will be an app for almost everything you can imagine. AR/VR and mixed reality will immerse students in the learning resulting in deeper understanding of the content they study. This ultimately means students will have more choice and control in the future of education.

Scenario

The role of the teacher in the future will change drastically. You probably knew your teacher as the content expert. In the future, adaptive learning software will replace direct instruction. Adaptive learning software is computer software that uses AI to move students up and down through grade level content based on student performance on assessment questions. Adaptive learning is faster and more efficient than even the best teachers. With adaptive learning software, the role of the teacher changes. The teacher is now a motivator, coach, curriculum designer and mentor to the student. Since adaptive learning software is faster than instruction today, the future will see schools condense pure academic work to three hours per day, using the other three or four hours in the day to teach life skills or let students explore personal interest projects.

Reimagining High School in the North Country

Let's Brainstorm Ideas!




Scope of Work


1. *Complete in depth work sessions to develop and document three exemplars*
2. **Select 3 models**
3. *Brainstorm Future High School and CTE Center Education*



Process

1. Refer to the current three high school North Country Master Schedule
 2. Identify current graduation requirement differences
 3. Develop three exemplars of a new Regional North Country 9-12 high school and CTE using the staffing and scheduling tool
 4. Determine additional information needs and reach out to Karen/Debra for support
 5. Set schedule and inform Karen and Debra of dates/times/zoom information for each meeting
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Key Questions

1. What is the current state of educational delivery in each school/district?
 2. How do these opportunities compare?
 3. How are students geographically distributed throughout the region?
 4. What have other school systems planned for future educational opportunities?
 5. What can we learn from their experiences?
 6. What are future career and educational market demands and regional growth strategy?
 7. What strategies will position our school system to align education with these future expectations?
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Product and Timeline

Complete and send to Debra and Karen by July 31

Three Staffing/Scheduling Exemplars and Accompanying Narrative incorporating 9-12 high school and CTE program.



Questions

