Delivering That Rich Museum Content Virtually!
And.. because it is **why** we embarked on the project....

Amie Fisher,
Classroom Teacher,
Browns River Middle School
A brief primer on Online/Blended Learning and Videoconferencing
Vermont’s Act 77 --- Flexible Pathways
Key To Liberty at LCMM
The Project -- details
How can my museum do that? It’s in your power!
Group/table discussions
Introductions in the room-- Briefly

YOUR NAME

YOUR MUSEUM or AFFILIATION

YOUR EXPERIENCE WITH VIDEOCONFERENCING
Lake Champlain Maritime Museum

Through programs, historic boats, education, and exhibits, we create opportunities for learning on the water and underwater, connecting history, ecology, and archaeology to ensure a healthy future for Lake Champlain.
Vermont Virtual Learning Cooperative (VTVLC)

- Vermont’s online public school
- Partners with all schools
- Over 1,000 students
- Electives, Core Academics, AP® Courses
- Marine Biology
Vermont Agency of Education

- Act 77, Flexible Pathways
- Supporting and encouraging Personalized learning
- Integrating technology—capitalizing on connectivity to bring opportunity to classrooms
Virtual Learning...Online and Blended...Video Conf.

- Synchronous and Asynchronous Learning
- Provides multiple and “flexible” pathways for learning
- Vermont-- ACT 77-- embraces and supports “virtual” and “blended” learning
- Use of Zoom/Skype/etc. To provide more classroom opportunity

Image: edmentum.com
Inspiration and an idea for partnering

- Valcour -- Teaching American History through Archaeology
- Understanding the volume of artifacts available
- Making connections with schools seeking the content
- State content/standards match
- Getting students to that content-geography/financial/time issues
Considerations

● One and Done - or - Intro Experience

● Classroom vs Teacher supported

● Live vs Archived/Pre-recorded
Continuum of Delivery

- face-to-face
- classroom aids
- flipped
- hybrid
- fully online (distance)

no technology (delivery) all technology

blended
Final Product: Discovering Valcour’s Secrets with Lake Champlain Maritime Museum

- Virtual field trip / shipwreck dive
- Led by the expert voice (and face) of Chris Sabick
- Divided into 3 parts - Observation, Inquiry, and Research
Our Virtual Field Trip Process and Outline*

● In advance: Teacher’s Guide

● Session 1: Discovery!
  ○ Dive down to a mystery shipwreck (video)

● Session 2: Observation
  ○ Open presentation and discussion to share observations (slideshow)
  ○ Inductive Tower and Worksheets

● Session 3: Research & Conclusion
  ○ Open presentation and discussion to form a hypothesis, research, and a conclusion (slideshow)

*Follow along with the handout at your table!
Future Opportunities in our Exhibits

*Key to Liberty* at Lake Champlain Maritime Museum
A Teacher’s Perspective

Amie Fisher:

- How did you hear about the program?
- What attracted you to the program?
- What content were you covering at that time if it influenced your participation?
- What transferable skills were you covering if they influenced your participation?
- How did you/have you used the experience since participating?

Has anyone done any excavating around the Spitfire to see if they could find cannonballs, or any other items that would have caused it to sink? At this point we have not done any excavation in, or around the vessel. Since it lies in VERY deep water excavation would be very challenging and time consuming…we may consider that one day but nothing other than observation has been done to this site at this point in time.
TURN AND SHARE—At Your Tables….

- Introduce yourselves

Share:

What content does your museum have that would lend itself to the videoconferencing experience?
Opportunities to collaborate...

Personalized Assessment of Student Standards (PASS)

- Research/Project-Based
- .5-1 credit equivalent
- Aligned to School Grad Credit
- Proposal
- Implementation
- Scholarships!
YOUR QUESTIONS?
Contact information

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Some good examples from other museums

Frostology by Michigan Museum