

Rutland High School

Transforming through the
Education Quality Standards

Vermont State Board of Education Presentation
May 16, 2018

Overview

Connor Solimano

12th Grade



Rutland High School's Journey of a Decade

Professional Learning Communities

Schedule Restructuring

Proficiency-Based Learning

Curriculum Revision

Project-Based Learning

Building Remodeling

Differentiated Instruction

Technology Acquisition

Brain-based learning

Community Partnerships

Flexible Pathways

Post-secondary Partnerships

Personalized Learning

Performance Assessment

Rutland's District Vision Statement

[We] cultivate a passionate, diverse, and resilient community of critical thinkers who learn with purpose, create innovative and responsible solutions, and lead lives of integrity.



Education Quality

Curriculum

- a. literacy (including critical thinking, language, reading, speaking and listening, and writing);
- b. mathematical content and practices
- c. scientific inquiry and content knowledge
- d. global citizenship
- e. physical education and health education
- f. artistic expression
- g. transferable skills (communication, collaboration, creativity, innovation, inquiry, problem solving and the use of technology).**



2120.2. Flexible Pathways.

Schools must provide students the opportunity to experience learning through flexible and multiple pathways, including but not limited to career and technical education, virtual learning, work-based learning, service learning, dual enrollment and early college. Learning must occur under the supervision of an appropriately licensed educator. Learning expectations must be aligned with state expectations and standards.

Students must be allowed to demonstrate proficiency by presenting multiple types of evidence including but not limited to teacher-or student-designed assessments, portfolios, performances, exhibitions and projects.

Special Thanks to...



Freshmen Integrated Team

Global Studies/ STEM Concentrations

Capstone

Global Issues Network Conference

Dialogue Training

PLACE Internship Program

Global Studies 9 and 10 teams

Global Studies Concentration

Austin Robertson

11th Grade



Global Studies Concentration - Foundational Concepts



www.gse.harvard.edu

**Think Tank on
Global Education:
Empowering Global
Citizens | Harvard
Graduate School of
Education**



Global Studies Concentration - Integrated Curriculum



Global Studies Concentration - Course Sequence

Global Studies 9

Global Studies 10

Civics/ Economics

British Literature

Arts

Global Citizenship

Capstone

World Language (x 3+ years)



Global Studies Concentration - Outside the Walls

Community Service

Co-Curricular



Global Studies Concentration - Performance/ Exhibition

Global Studies Fair



GIN Conference

STEM Concentration



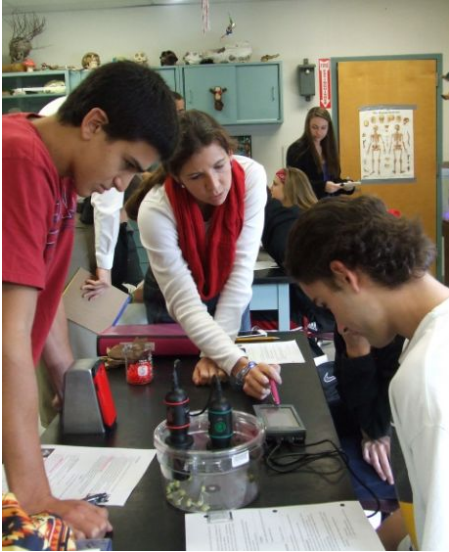
Krisha Sachdev

12th Grade

STEM Concentration - Foundational Concepts



STEM Concentration - Reimagined Curriculum/ Spaces



STEM Concentration - Course Sequence

Two STEM Courses/ Year

STEM Fair Participation

Capstone

STEAM Pod

YES Plan



STEM Concentration - Outside the Walls

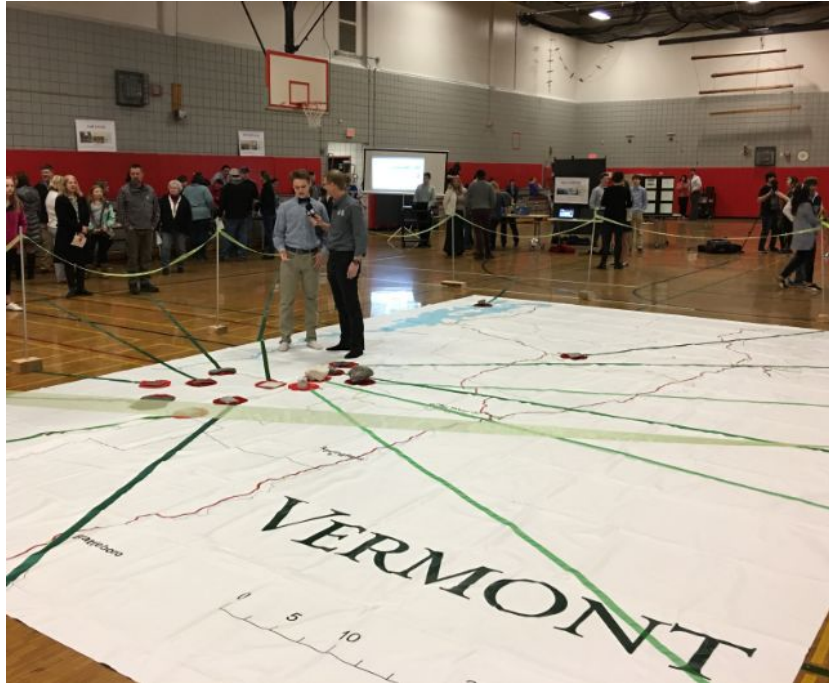
Four STEM Activities

Real World Applications



STEM Concentration - Performance/ Exhibition

STEM Fair



GIN Conference

Vermont Global Issues Network Conference (VT GIN)

Victoria Quint

12th Grade



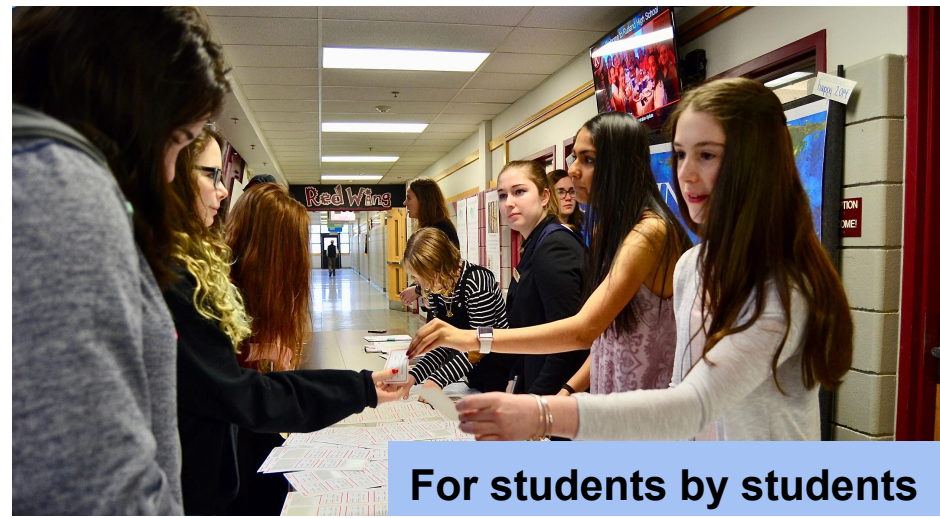


GIN mobilizes intergenerational global citizens to build a just & sustainable world.

20 Global Issue Network Topics / 17 U.N. Sustainable Development Goals.



Taking Action



For students by students



High-stakes Exhibitions



Intergenerational

GIN - A Global Phenomenon

FEBRUARY 2018

MARCH 2018

2 8 9 12 15 16

**ENLARGING MINDS
ENLARGING IDEAS**





GIN



GLOBAL ISSUES NETWORK

**GIN South Am 2018:
EngaGING Minds,
EnlarGING Ideas**

March 15th-17th, 2018 Hosted by
International School Curitiba, Brazil

[READ MORE](#)

**GIN Asia:
Envisioning Arcadia**

March 16th-18th Hosted by the
Canadian International School, Ho
Chi Minh City, Vietnam

[READ MORE](#)

**GIN North Am 2018:
Vermont**

April 5th 2018 Hosted by Rutland
High School in Rutland Vermont
SAVE THE DATE!!

[READ MORE](#)

VT GIN - Connections to world and locally

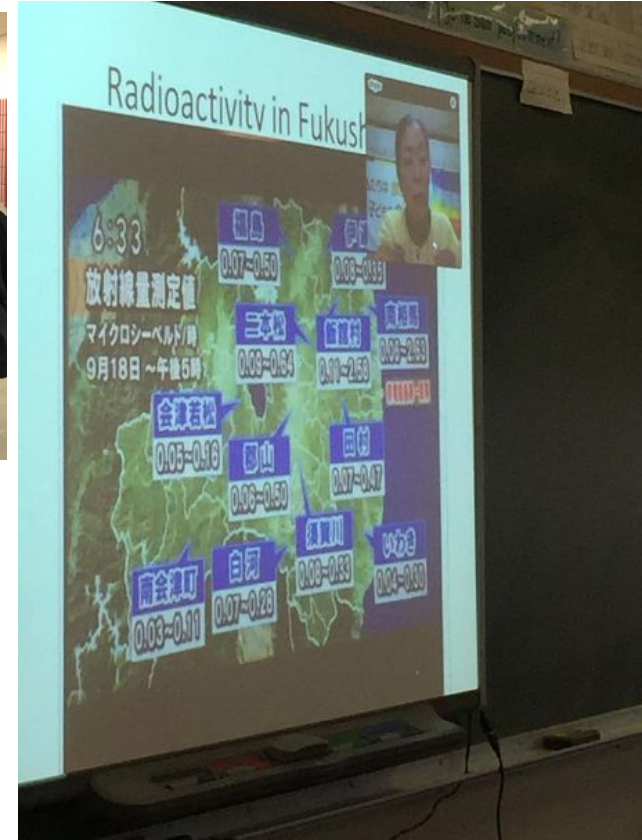
SCHOOL BUS

GIN 2013 DREAM IT! PLAN IT! ACT ON IT!

2

- * Pan American School of Bahia - Brazil
- * School of The Nations - Brazil
- * Rutland High School

GIN 2013 DREAM IT! PLAN IT! ACT ON IT!



VT GIN - Service and Community Events



VT GIN - Arts are Integral; Lunch is for Learning



Capstone

Megan McGee

12th Grade



Capstone - Foundational Concepts

We are the National

Capstone Consortium

Summer Summit at The Thacher School

Capstone - National Capstone Consortium



St. Andrews Episcopal School (TX)



Steamboat Mountain School (CO)

Sandia Preparatory (NM)



The Thacher School (CA)



Sequoyah School (CA)



University School of Milwaukee (WI)



Rutland High School (VT)

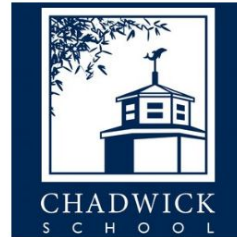


Woodlawn School (NC)

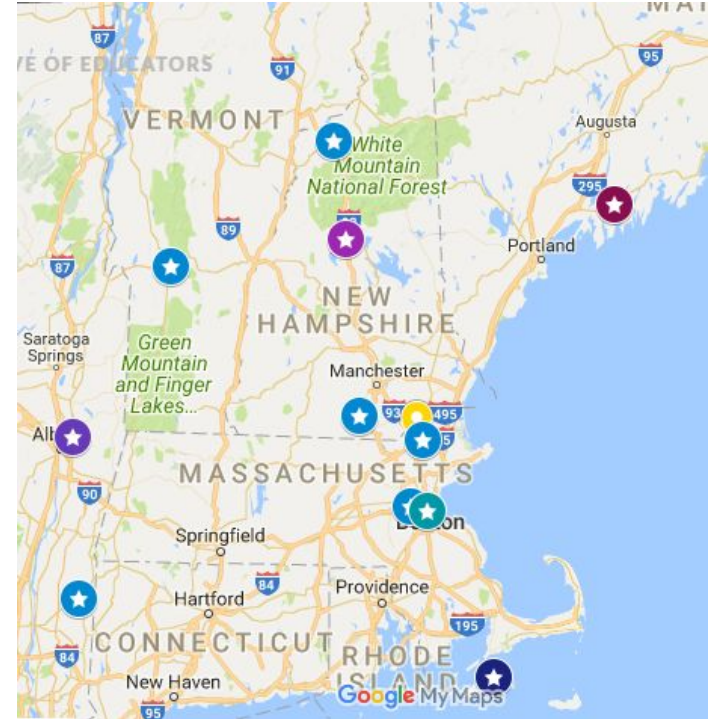
Dunn School



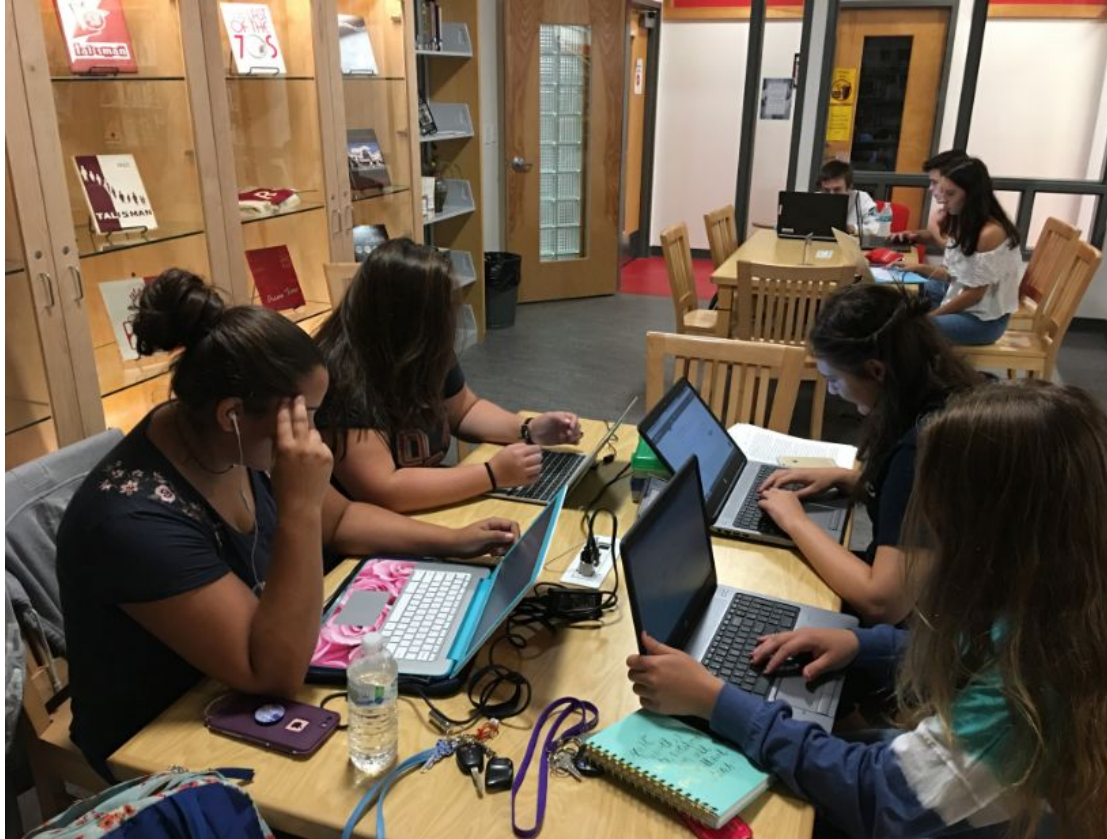
Dunn school (CA)



Chadwick School (CA)



Capstone - Research- Based, “Semi-independent”



Capstone - STEM or Global or Both?

Preimplantation & Genetic Testing:

CRISPR Cas9
&
Designer Babies



RHS Capstone
2018

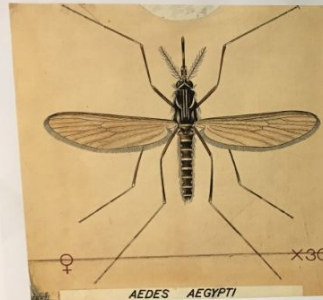
Kacey Thompson



Capstone 2018

Artur Smiechowksi

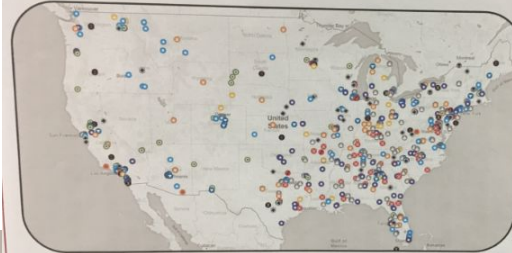
CAN BIOTECHNOLOGY DELETE
INSECT BORNE DISEASES FROM
THE EARTH?



"Humanity now possesses the tools
to delete entire species from the
Earth in a matter of years, now is
the era that mankind finds the
Earth its canvas, biotechnology its
brush." - Mihi Sui

Hate Online

Victoria Quint

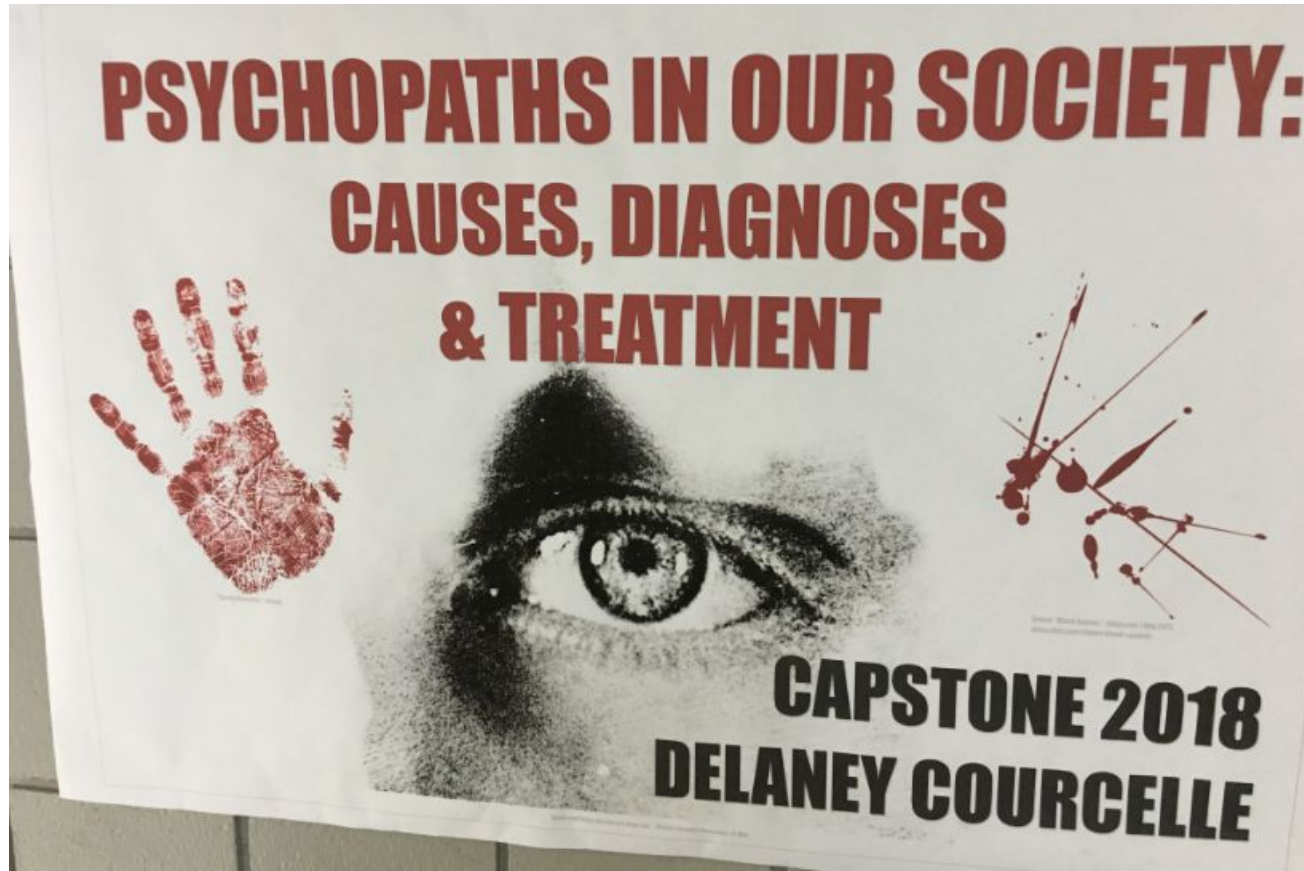


917 active hate groups in the United States

RHS
Capstone 2018

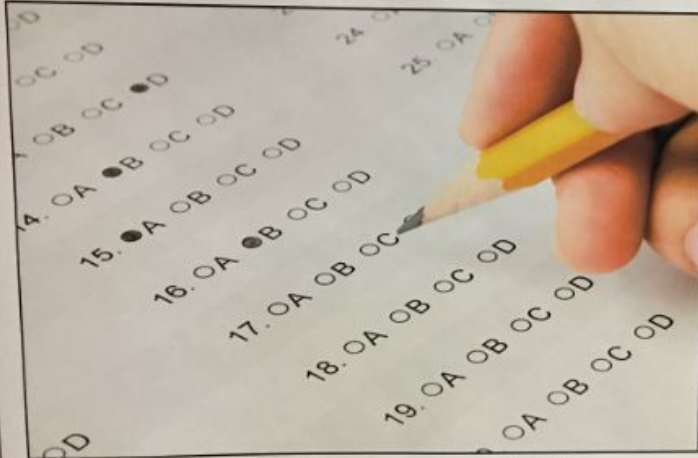


Capstone - Personalized Learning



Capstone - Personalized Learning

Stress & Standardized Testing



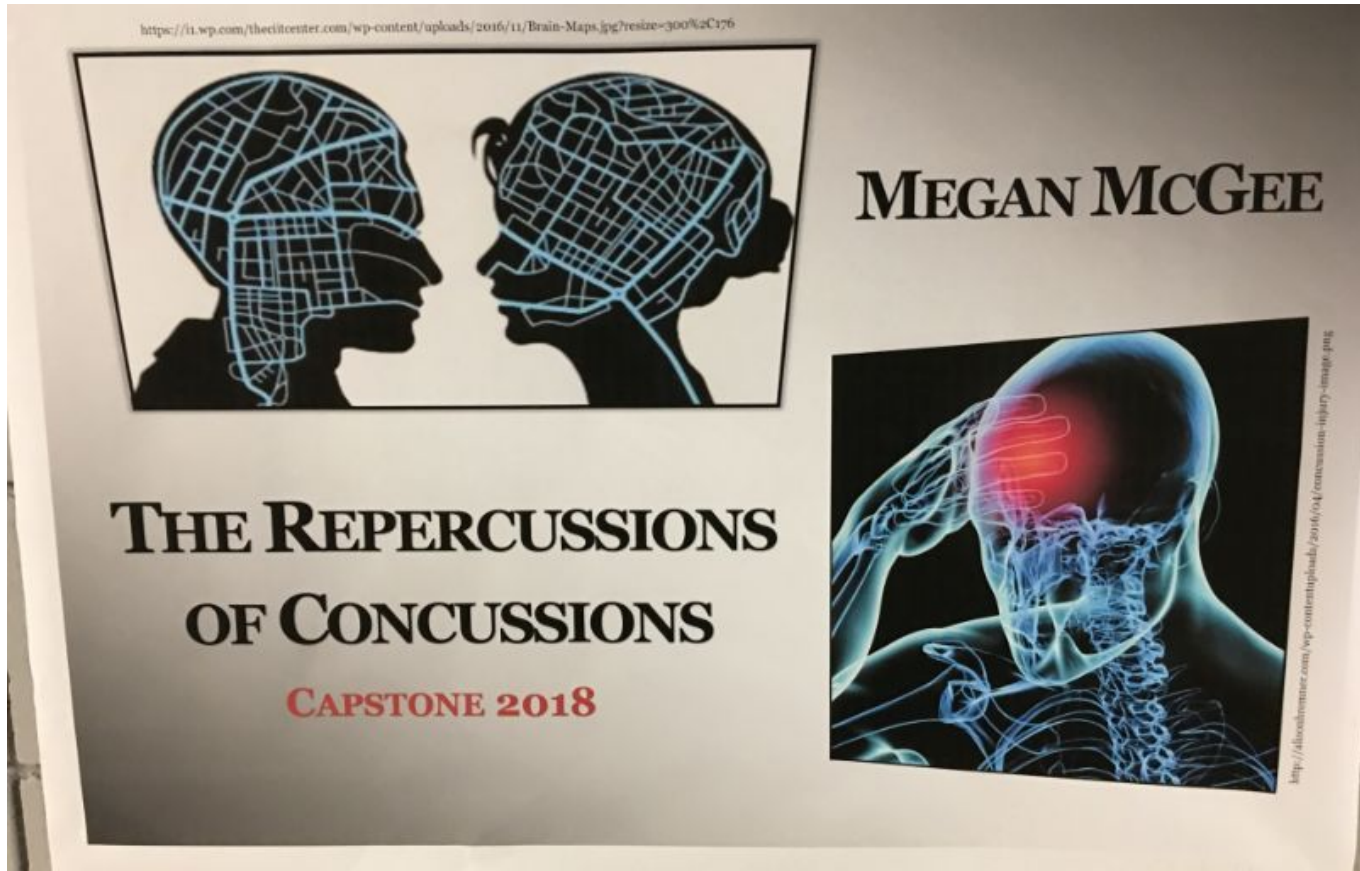
O. Alberto "Exam" Flickr, Yahoo!, 17 June 2011, www.flickr.com/photos/olbertopp12/104557236/



CollegeDegrees160 "Learning" Flickr, Yahoo!, 27 July 2012, www.flickr.com/photos/160194000/105024212/

Capstone 2018
Elizabeth Wideawake

Capstone - Personalized Learning



Capstone - Community Connections



Capstone - Performance Assessment



Capstone - Taking Action



PLACE Internships

Delaney Courcelle

12th Grade



PLACE Mission Statement

In cooperation with community partners, Rutland High School's **Promoting Learning by Activating Community Engagement (PLACE)** seeks to extend and apply education through learning outside the classroom in order to cultivate citizens committed to enriching local and global communities.



PLACE: Key Features

Currently optional

Open to all, but HoW is critical

Tie to
Global Studies/ STEM/ Capstone
...or not



Student assessments include:

- **Goals aligned to the Vermont Transferable Skills**
- **Journal entries**
- **A service learning project to give back to the organization**
- **Evaluation completed by site mentor**

Examples of service learning projects:

- | |
|---|
| <ul style="list-style-type: none">● Survey RHS students about usage of the flu vaccine and supply data to nurses |
| <ul style="list-style-type: none">● Create student club to raise awareness about issues facing “new neighbors” |
| <ul style="list-style-type: none">● Communicate opportunities for employment in Rutland Valley to RHS |
| <ul style="list-style-type: none">● Design a lesson plan to integrate movement into elementary classroom |

PLACE - Community Partners

Rutland County State's Attorney's Office

Rutland Region Chamber of Commerce

Rutland City Police/Project Vision

Vermont Sports Medicine Center

Beauchamp & O'Rourke Pharmacy

Northwest Elementary School

RRMC Emergency Department

The Royal Group

Rutland City Fire Department

Back on Track Physical Therapy

Vermont Orthopedic Clinic

Franzoni Real Estate

Dr. Battista, Family Dental Associates

Rutland Welcomes

Green Mountain Power

CHCRR Pediatrics

Spartan Arena



**Erianna
Dupras
CHCRR
Pediatrics-
Nursing**



**Adrienne
Brewer
Northwest
Primary School-
Teaching**



**Sequoia
Dixon-
Woodard
Project Vision/
Rutland City
Police**

Conclusion... Mr. Solimano

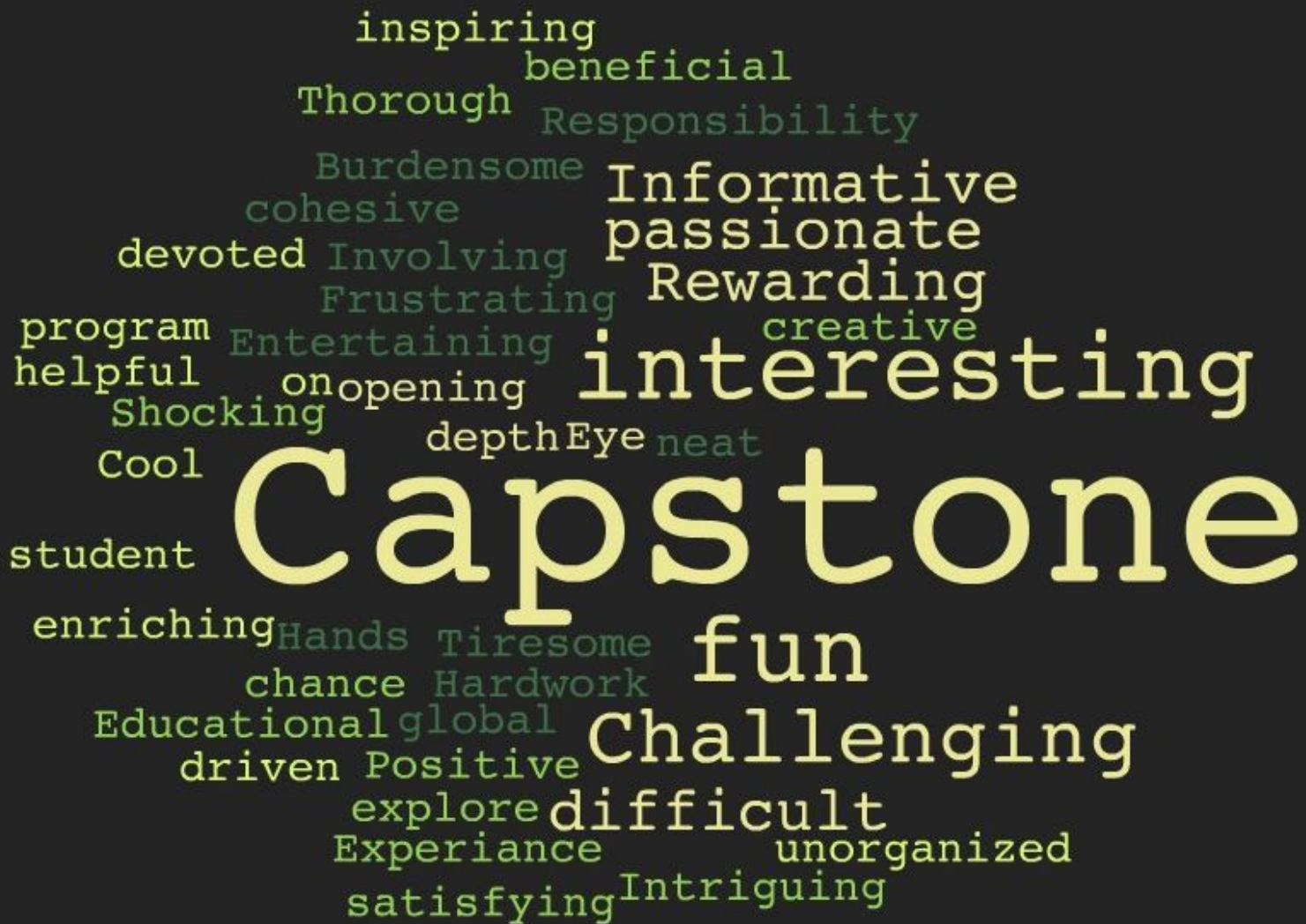


Capstone:

What

Students

Say...



PLACE: What students say...



In the ER,... You see all kinds of citizens in Rutland, and how they struggle. Some struggle with drugs and some struggle with their own health. You see the ones who work, and the ones who don't. You see the ones who have nothing to their names, and the ones who have no family. You watch as someone receives a difficult diagnosis. Often times, you don't usually see this wide range of people constantly when you are at school. It is much easier to stay within your comfort zone. So, to say that I have been thrown into a whole new dynamic would be an understatement."

-Emma Murphy, RHS Class of 2018, PLACE intern at RRMC Emergency Dept.

Capstone/ PLACE: What students say...

"I feel like I learned a lot about the people and culture of Syria: I learned how to better lead a group, and I learned that my community is pretty amazing, but the most important things that I learned are what I learned about myself."

Lily Schillinger, RHS Class of 2017,
PLACE intern with **Rutland Welcomes**



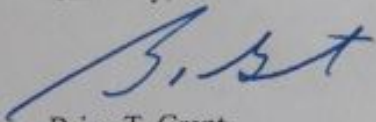
What colleges say...

Dear Alisha:

Congratulations on being accepted into one of the most accomplished classes in Clarkson history! On behalf of the entire campus community at Clarkson University, we are very pleased to accept you into the Clarkson Family. Please accept this letter as an official notification of admission for the graduating class of 2021.

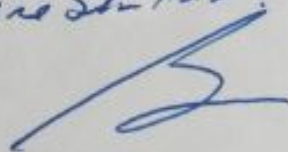
Again, on behalf of the entire Clarkson campus, we welcome you to our family and you can look forward to wonderful experiences with life on our campus. As a result of your excellent decision, you will receive the foundation you will need to achieve your passions in life.

Sincerely,



Brian T. Grant
Dean of Admissions

The Comm. Hec was impressed
with your dedication to
academic excellence and
your experience as a STEM
presenter!

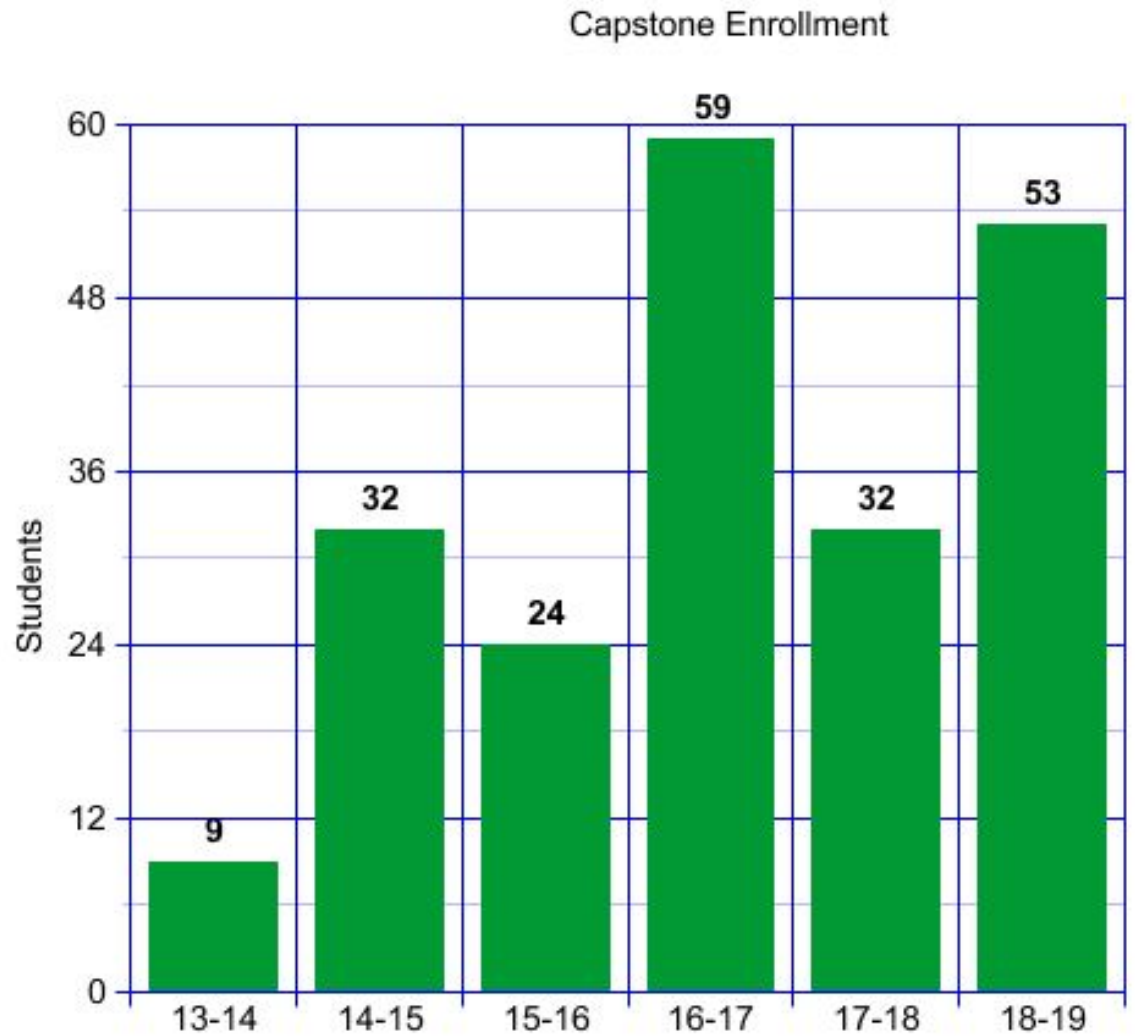


See it live!

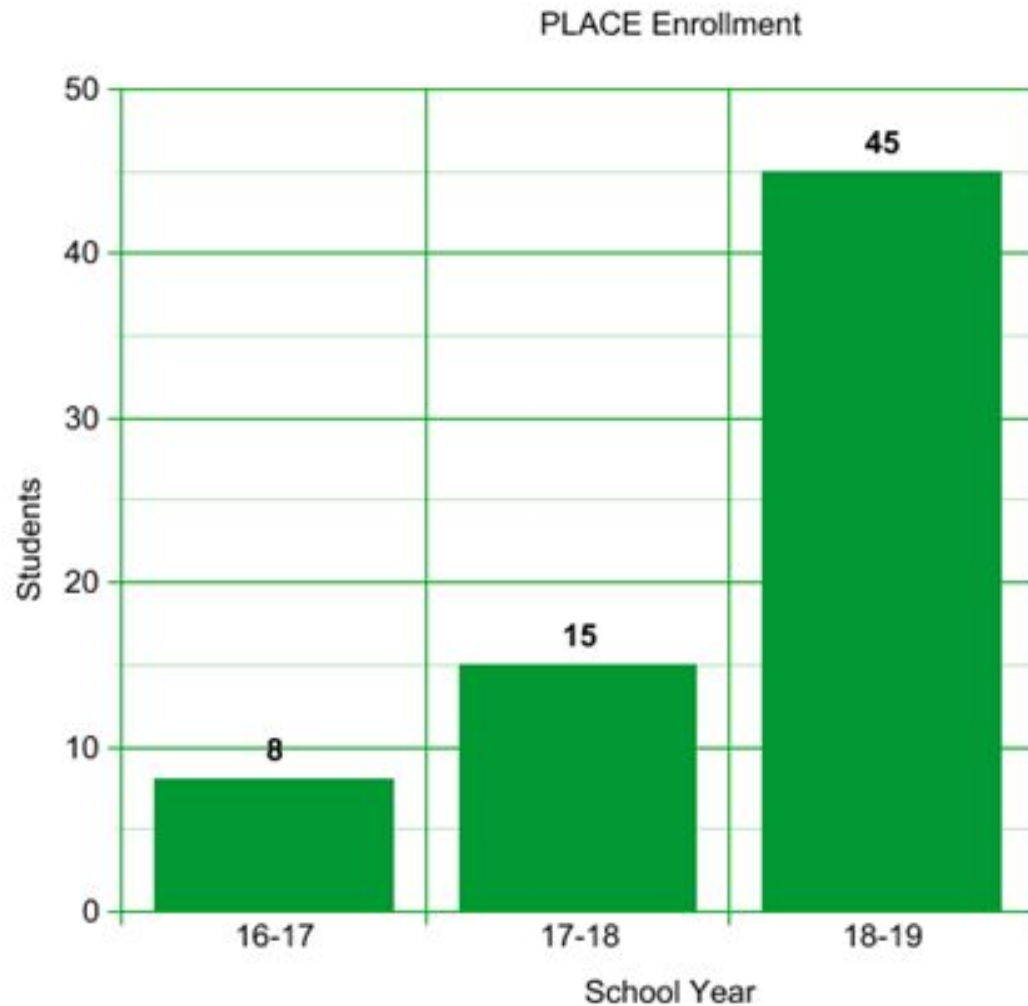


Wynsend
Environmental Studies Presenter

Capstone Enrollment



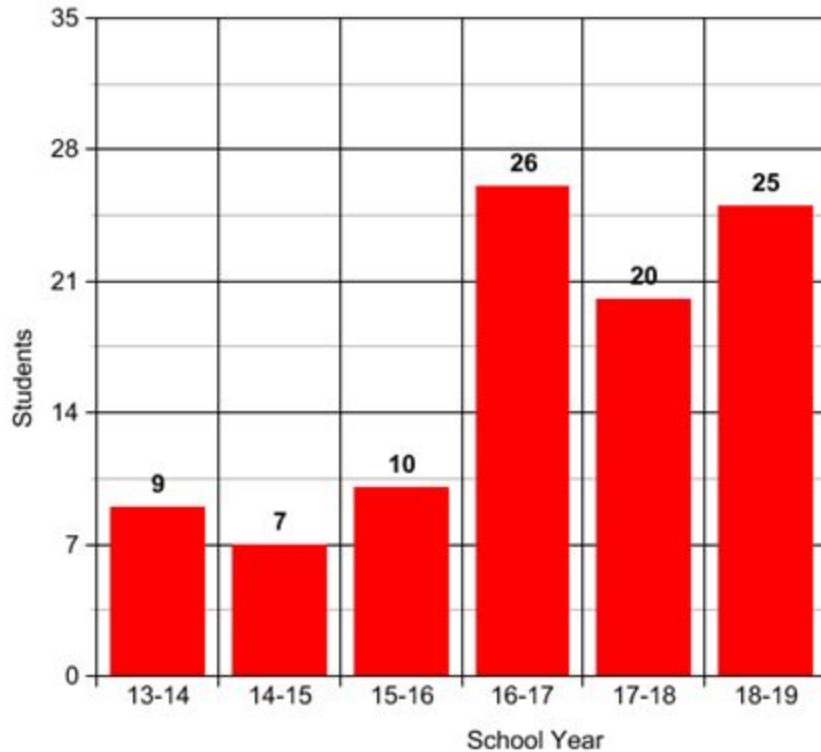
PLACE Enrollment



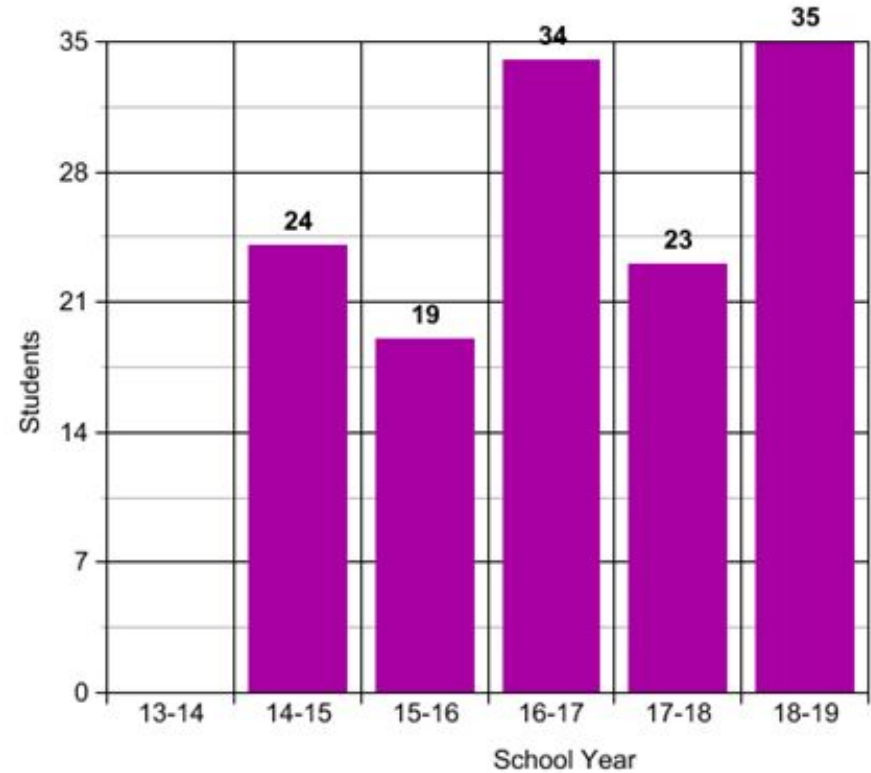
Global vs. STEM Concentration Completion

2018-2019 estimated

Global Studies Concentration Completion



STEM Concentration Completion



What Next?

Can or should we integrate curriculum further?

Are we close enough to the recommended program ideals?

Can we engage more collaboration with other schools?

Are participation numbers high enough?

See it live!

