GRADE 11 STUDENTS TAKE NECAP TESTS

On October 8, 9 & 15, MUHS juniors participated in the New England Common Assessment Program (NECAP), a series of reading, writing and mathematics achievement tests. A barbecue was held on Wednesday at the end of the testing to acknowledge the students for their hard work.
Students in AP Calculus study the related rates of volume and radius of a sphere over time. The studies were performed on Tootsie Roll Pops, as students tried to answer the question, “How many licks does it take to get to the center of a Tootsie Roll Pop?” The students did this work during Ms.O’Connor and Mr. Harrington’s classes. Though they kept track of time and did calculate rates, unfortunately, they did not count the number of licks so that question was left unanswered.

An example of geometry student Sophia Chicoine’s anamorphic art is shown in this picture. The “bent” image is straightened out when reflected on a cylinder. Students in Mr. Harrington’s geometry class worked on these pieces while they studied similarity.
AP English Trip to See *Cat on a Hot Tin Roof*

Last week, the MUHS AP English class went to see a production of *Cat on a Hot Tin Roof* at the Town Hall Theater in Middlebury. It was directed by Melissa Lourie, and featured several well-known local actors, including Steve Small as Big Daddy. The play allowed students to view a visual interpretation of the script to help reinforce some of the themes of the story, and provided them with concepts that they might not have picked up on from their reading. Students also participated in an actor’s workshop with Steve Small and Charlie Murphy during which they were able to make changes to the famous confrontation scene between Big Daddy and Brick to see how it affected their interpretation of it.

**Social Entrepreneurship Group**

Last January, several MUHS students attended a symposium on Social Entrepreneurship at Middlebury College. It was a day of learning about various sustainable initiatives and practices, such as a group of college students working to create a program to better the Bridport Elementary School. Out of this symposium grew a Social Entrepreneurship Group at the high school. What is social entrepreneurship you might ask? Social Entrepreneurship is the process of creating effective solutions to social problems. The MUHS Social Entrepreneurship Group debated tackling various social issues within Addison County and, finally deciding to start with a focus on food insecurity.

In order to begin to make an impact in this incredibly complex and demanding issue, the group decided to start by getting involved in the community suppers at the Middlebury Congregational Church. Since early September, the group has been growing lettuce in the MUHS greenhouse to supply the community suppers. Students water the lettuce at least once every two days, harvesting on a weekly basis in time for Friday’s supper. By supplying lettuce, the group hopes to make healthy options more accessible. In the future, the group hopes to be a part of preparing the salad in a healthy and delicious way so as to make salad as appealing as macaroni and cheese.

The Social Entrepreneurship Group will continue thinking of ways to be involved in ending food insecurity and putting these ideas into action, but also is eager to begin other initiatives, such as working to make MUHS a more energy efficient building. Additionally, the group is always looking for more members and new ideas! If you have any interest in joining the group, have an idea you think would benefit MUHS and/or Addison County or both, please talk to Anna Caliandro, Sophie Logan, or any other group member. We would be thrilled to have new people and new ideas.
Don't miss the movie that is taking Vermont by storm!

**The Hungry Heart**

A new documentary film on prescription drug addiction

Directed by Bess O'Brien

**Nov 15:** Vergennes Opera House

**Nov 16:** Bristol Holley Hall

**Nov 17, 7pm Middlebury**

Champlain Valley Unitarian Universalist Church

2 Duane Court

$12 adults $6 Youth

Free for those in recovery or family members affected by addiction

Watch the movie trailer: go to our Website at

[www.kingdomcounty.org](http://www.kingdomcounty.org)

“A brilliant and beautiful film that captures the true lives of people in recovery—it should be seen by everyone!”

David Sheff-best-selling author of Beautiful Boy

The Hungry Heart explores the world of prescription drug addiction through the intimate world of Vermont Pediatrician Fred Holmes who works with patients struggling with this disease. The film provides an intimate look at the often hidden world of addiction.
Please join us for one of our upcoming concerts and events.

- **Thursday, November 21, 2013 - 7pm - MUHS Auditorium**
  
  *MUHS Jazz Ensemble, Concert Band, and Vocal Ensembles*

- **Thursday, December 5, 2013 - 7:00 pm – Vergennes Union High School Gymnasium**
  
  *MUHS Concert Choir, Vergennes Concert Choir, and Mount Abraham Concert Choir presents Vivaldi’s “Gloria” - Free to the public.*

- **Tuesday, December 10, 2013 - 12:00 pm – Middlebury Congregational Church**
  
  *MUHS Concert Choir Performs – Refreshments provided following performance*
Middlebury Union High School presents
RODGERS & HAMMERSTEIN’S
CINDERELLA
Music by RICHARD RODGERS
Lyrics by OSCAR HAMMERSTEIN II

November,
Friday the 15, 7:00 PM
Saturday the 16, 7:00 PM
Sunday the 17, 2:00 PM

Adults $8
Students/Senior Citizens $6

Call 382-1192 Ticket Reservations

Performed with permission from RaudH Theatricals
NCAA Eligibility Center

Student athletes planning on participating in an intercollegiate sport in college at the division 1 or 2 level, have very specific academic guidelines that they need to meet to be eligible to compete in college. Information regarding guidelines and approved courses at Middlebury Union High School are available at the eligibility centers Web site which can be accessed through our guidance Web site.

Dual Enrollment Opportunities

The Guidance Department staff wants to remind parents and students that MUHS students will be eligible to participate in the Vermont Dual Enrollment Program. This initiative allows juniors and seniors to take one college course, tuition free, during each of their last two years of high school. Colleges participating in the program include UVM, Castleton State College, and CCV. Registration for spring classes at CCV began on November 4th. For more information about the dual enrollment program, contact your school counselor.

Grade 10 Career Program

Starting the week of November 12th, tenth grade students will be participating in the Guidance Department’s career program. This program introduces students to Naviance, a comprehensive Web-based guidance program. Our tenth grade students will use the career interest inventory, learn specific information about careers, and gain exposure to the programs available at the Hannaford Career Center. Naviance can be accessed at home through the school’s Web site. Students will be able to continue to investigate their interests and update potential career and college choices from home. Additionally, we will be using Naviance with your son or daughter throughout the remaining years of high school for the college selection and application process.

ASVAB

The Armed Services Aptitude Battery, (ASVAB) Career Exploration Program will be administered at MUHS on Thursday, December 5th in the Guidance Conference Room. This program is valuable for 10th through 12th grade students by providing information on an individual’s aptitudes and abilities for career planning, and particularly for those interested in the military. Students wishing to take the ASVAB need to register in the Guidance Office by November 30th.
Save the Dates - Success Saturday

Success Saturday is back! The Learning Lab will be open for tutoring from 9:00 a.m. to 12:00 p.m. on the following Saturdays: December 14, January 11, March 29, May 17, and May 31. These dates were selected to correspond with the dates nearest interim grade reports and the end of each quarter. Students must sign up in advance in the Learning Lab. Snacks are provided. Success Saturday is a great way to stay caught up or to get caught up, to study for a test, to possibly redo a test, or to work on a paper.

The Learning Lab provides tutoring in a positive and supportive environment. Tutoring is available to all MUHS students for all subjects and classes. Tutoring is provided by two licensed teachers, peer tutors, Middlebury College students, and community volunteers.

The Learning Lab is open Monday through Friday from 8:00 a.m. - 4:00 p.m. and is located in room H-103. Please call Ben Krahn or Tammi Beattie at 382-1165 if you have any questions.

Dear Parent(s)/Guardian(s):

The Learning Lab could use your help. If you have an hour or more a week to spare, the students of MUHS would appreciate your assistance. Please let Ben Krahn or Tammi Beattie know if you, or anyone you know, might be willing to help tutor in the Learning Lab.

Ben: bkrahn@addisoncentralsu.org
Tammi: tbeattie@addisoncentralsu.org
(802)382-1165
On October 17th, a group of MUHS students attended the annual Women Can Do! Conference at Vermont Technical College in Randolph Vermont. Students enjoyed the day participating in “hands on” activities such as fire fighting, auto mechanics, operating heavy equipment vehicles, building Web pages and much more. This was a wonderful learning opportunity for Vermont high school females to experience typically non-traditional trades for women!

Peer Leader coordinators were busy at the beginning of the month cooking an elaborate breakfast for the top 3 finishers in the annual 9th grade mural competition. Everyone did a fantastic job coming together to produce murals for their respective advisories.

MUHS students worked on creating an Ally bulletin board, addressing ways that students and faculty might step up and take a stand against harmful behaviors they witness at school or on line.

Also this month, school counselor, Allison Stebe and School-based clinician, Lesley Dunakin started a girls’ lunch group. The group emphasizes healthy peer relationships as well as fostering positive coping skills. Later in second quarter, Brooke Jette will be running a grief/loss group for MUHS students.

Peer Leaders and 9th grade advisories also put together a fabulous Halloween competition on the 31st. Peer Leaders worked with their 9th grade advisories to produce theme-based costumes. The top three winners included Bjarki Sears’ advisory displaying “sub-cultures” of America, Karen Greene’s advisory offering an excellent rendition of Duck Dynasty, and Sean Farrell’s advisory! Congratulations to everyone and their effort!
Parent / Athlete Meeting

Wednesday November 20\textsuperscript{th} @ 7:00 pm

In the MUHS Auditorium.

This is a required meeting for the parents and athletes who are participating in athletics this winter. This meeting will provide an opportunity for parents and players to meet with the coaches, and to hear their expectations and philosophies for the season.

If you have questions about this meeting or for some reason you are unable to attend, please contact Sean Farrell in the Activities office at 382-1192. We look forward to seeing you here on Wednesday the 20\textsuperscript{th} to start off a much anticipated winter season.

Thank You.

Sean Farrell
Activities Director
Calling All Baby Photos!!!

The *Quatrain* is once again asking for baby photos of this year’s Seniors. Parents, please find your son or daughter’s best (cutest, embarrassing, funniest) baby photo. Send it to the school by December 4th to ensure that the photo gets into the yearbook. If you would like the photo returned, please include your address on the back and we will send it to you after we scan it in. If the baby photo is digital, please e-mail it to mottinger@addisoncentralsu.org. If you have any questions call Mr. Ottinger at 382-1039.

Thank you and we look forward to your photos. Photos can be sent in either with your son/daughter to Room B101 or to the following address:

MUHS  
Attn: Yearbook  
73 Charles Avenue  
Middlebury, Vt. 05753

Reminder: Parent ads due by December 4th also!

**Yearbook ordering information:** Everyone will be receiving a letter in the mail from our publisher with yearbook ordering information. If there are any questions or concerns, please call Mr. Ottinger at the above number. This is the fourth year that we have been using this method and we use it because it allows parents to use their credit cards if they like. Books can always be ordered directly from us at a later date if that works better.
MUHS’s long-time day custodian, and devoted Yankees fan, Eddie Havens, is retiring. After 30 years of dedicated service to the MUHS community, Eddie and his wife Tammy were celebrated at a lunchtime ice cream social on November 5. Students and staff stopped by to thank Eddie for his hard work and wish him well in retirement. Eddie will be missed.
DJ Skate Night

FRIENDS OF MIDDLEBURY HOCKEY PRESENTS

dj skate night
FUN FOR THE ENTIRE FAMILY!

ENJOY CLASSIC ROLLER RINK STYLE ICE SKATING AT THE

MEMORIAL SPORTS CENTER

Saturday, Nov. 2, 2013 8:00–10:00PM
Saturday, Nov. 16, 2013 8:00–10:00PM
Saturday, Dec. 14, 2013 8:00–10:00PM
Friday, Jan. 3, 2014 8:00–10:00PM
Saturday, Jan. 18, 2014 8:00–10:00PM
Saturday, Feb. 1, 2014 8:00–10:00PM
Saturday, Feb. 15, 2014 8:00–10:00PM
Saturday, Mar. 8, 2014 8:00–10:00PM

Memorial Sports Center, 296 Buttolph Dr., Middlebury
All ages and abilities welcome - $5 adult - $3 student
Snack bar will be open - Rental skates available

More information available at www.memorialsportscenter.org
SmileSafe Kids® Photo ID Cards Bring Home Missing Children

This fall, parents will find a special gift enclosed with their child’s school portraits, a gift that could save a life. SmileSafe Kids photo ID cards will be sent home free of charge with the compliments of Lifetouch School Photography to the families of every student, even those who do not make a portrait purchase.

The SmileSafe Kids program was created 10 years ago through a joint effort between the National Center for Missing & Exploited Children and Lifetouch School Photography, to provide a current portrait to law enforcement if a child goes missing. Since its inception, approximately 300 million SmileSafe Kids photo ID cards have been provided nationwide, aiding the safe return of children in 23 states.

Each card carries a current portrait of the child along with the phone number for the National Center and unique access codes for portrait retrieval. When the Center receives a call, it contacts the Lifetouch Rapid Response team that in turn forwards a current photograph to law enforcement, 24/7.

October 22 has been proclaimed SmileSafe Kids Day in states throughout the nation to celebrate the successes of the program and to bring greater awareness of this valuable resource. Lifetouch is a school photography partner that is committed to the safety of all children.

To learn more about the SmileSafe Kids photo ID cards, visit www.youtube.com/watch?v=YN8gmrTkm38&feature=em-share_video_user.
NEWS & EVENTS

ACT is open to all youth in 7th to 12th grade from the ACSU school district. Through the Youth Advisory Council (YAC), ACT sponsors dances, fund-raising events, community service projects and much more. ACT provides a fun, safe and welcoming place for teens to hang out, be with their friends, listen to music, play pool, board games, ping pong, do homework, and art projects.

UP-COMING EVENTS AND ACTIVITIES

Youth Advisory Council Meeting: Wednesday November 13th and December 4th and 18th from 4:00 to 5:30pm (pizza at 5:00pm) - Take the opportunity to sit down and formally talk with ACT staff and community members about upcoming events, programs and activities you would like to see happen at ACT. This is a great opportunity for you to become engaged in the Teen Center and create new programs, activities and events. The best part is you get FREE PIZZA just for attending the meeting!!!

Clothing Collection at MUHS: Tuesday, November 20, Wednesday, November 21 and Friday, November 22 during lunch hours from 11:30 am to 1:30 pm in the cafeteria - Bring in your gently used clothing, accessories, jewelry, CD’s, DVD’s, and knick-knacks. Tired of your prom or formal dresses from past years? We take those too! For your items you will receive point cards that you can trade in for new items during the clothing swap. Most items are between $1 and $10. Special items might be marked higher. Donations are welcome! You can also drop off your items at the ACT teen center, located in the basement of the Middlebury Town Offices –Monday through Friday from 3 pm to 6 pm. For more information or if you like to volunteer, please contact Jutta at 802-989-8934 - jutta@addisonteens.com

Two Day Clothing Swap & Shop at MUHS: Wednesday, December 4 and Thursday, December 5 11:30 am to 3 pm (for students only) and 3 pm to 7:00 pm (open to the public). Addison Central Teens is hosting the Clothing Swap & Shop at MUHS in the hallway outside the main office MUHS. Swap your gently used clothing, accessories, jewelry, CD’s and knick-knacks for “new” used items. No clothing to swap? Bring your money and shop! Perfect time to do your holiday shopping - Great jewelry and winter jackets available. More INFO? Contact Jutta at 802-989-8934 - jutta@addisonteens.com

Youth Media Workshop: Every Thursday through December 3:30 – 5:30
Interested in learning to use photography and audio recording as a means for expression, storytelling, and maybe even social action? Digital media instructor, Ned Castle (from the Vermont Folklife Center) will be teaching weekly workshops this Fall (October-December) ranging from the basics of using a digital camera and audio recording equipment, to the design and exhibition of creative storytelling projects that engage community audiences. Come to one or all workshops.

ACT will be closed for Thanksgiving and Christmas Breaks: November 20th – 24th and December 23rd – January 1st.

Co-Directors: Jutta Miska: jutta@addisonteens.com
Colby Benjamin: colby@addisonteens.com
ACT is located in the Middlebury Municipal Building; enter on College Street across from Samas Café.
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