



Viking Voice

JULY 2018

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From the Principal's Desk...

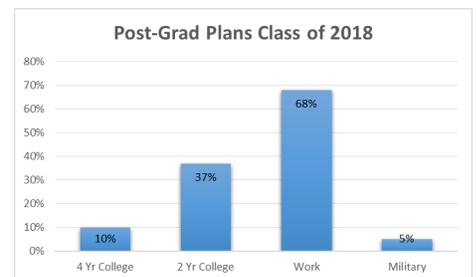
Greetings,

I want to thank all the students, staff and families for their dedication and focus this past year. Every year, we are faced with distinct challenges and new opportunities. We continue to make improvements each year, while still maintaining what makes Smith Vocational and Agricultural High School a very special place.

I want to send out my congratulations to the class of 2018 and wish you the best. You will always have people at Smith who are ready to assist and support you.

Enjoy the updates from our departments and see you all in August.

My best,
Joseph Bianca



Coming out of the barn - Animal Science updates...

As summer quickly approaches students are excited to be out of school and animals are excited to be out of the barns onto the green grass. As you walk through our facilities, at the end of the school year, you may notice them seemingly empty as the animals are heading out to pasture and students are storing tools and cleaning the facilities in preparation for next year.

This spring the animal science department welcomed their first successful Embryo Transfer out. She is a Beautiful healthy Herford calf.

The ninth graders successfully sold their Rex rabbits and have few more chicken and roosters left at \$5 each.

Animal Science would like to congratulate Emily Johansen from 10th grade as she will be representing Massachusetts this Fall in Extemporaneous Public Speaking at the National FFA Convention in Indianapolis, Indiana.



The huge thank you to Ms. Jessica Thibault. She has served as the Animal Science teacher science January while Ms. Ashley Holden is away. Students have truly enjoyed working with her and she has proven to be an asset here. We wish her the best in her Agriculture Education career. We are also looking forward to Ms. Holden's return from her Fulbright sabbatical.

Finally congratulations to our 13 seniors that have graduated! Seven will be going onto two or 4 year colleges, one into the Air Force, and 5 into the workforce. We wish them all the best, and much success in their endeavors!

Agricultural Mechanics

Agricultural Mechanics

This year was a busy year for the Ag. Mechanics Department. We welcomed eight freshmen into the program in January and this past May we said our goodbyes to twelve seniors. Every grade was busy doing their own projects besides working together to tackle some huge projects.

Teamwork was key in some of the projects we accomplished this year. At the beginning of the school year, the sophomore and now graduated senior class, disassembled the large greenhouse so that it can be reassembled in its new location for the horticulture department. Also this year the sophomore and senior class completed painting the Smith Vocational and Agricultural Barn at the Three County Fair. This spring freshmen, sophomore, and junior class practiced their tractor operation skills and learned about sustainable agriculture. The classes were able to roll crimp

the winter rye and plant pumpkins that will be harvested next year for the Three County Fair.

Besides these big projects each grade also did a lot of shop work. Seniors were able to bring in or build their own senior projects. There were so many cool projects that we can't say them all but there was a tractor rebuild, construction of a landscape trailer, and rebuild of a diesel engine just to name a few. Juniors learned the ins and outs of the tractor all the way from the tires to the hydraulics to the engine and coolant system. Sophomores did a lot of welding and also did some plumbing and electrical besides some engine projects and carpentry projects. The freshmen joined us officially in January and hit the ground running. The freshmen did a lot of safety, some carpentry, and then a lot of two stroke and four stroke engines!

We were able to take several trips this year and also have several guest speakers come in to teach the students. We did

campus tours of Lincoln Technical, State University of New York Cobleskill, and the University of Connecticut. We also had several guest speakers from Northwest Ohio State and industry experts like Peter LeBlanc from Ivy Industries who instructed a lesson on Tungsten Inert Gas Welding. This gave students a great opportunity to see what is after Smith Vocational and Agricultural High school.

We were competitive this year in both SkillsUSA and FFA. PJ McNeil, a junior placed second in states at both SkillsUSA and FFA. We also have several Ag. Mechanics Agri-Science projects qualify for FFA Nationals. Students put a lot of time in studying, practicing, and researching.

The freshmen, sophomores, and juniors are workers that want to learn as much as possible. With these classes we cannot wait to see all we accomplish next year in the Ag. Mechanics Shop!



Guidance Calendar Preview



New England Association
for College Admission Counseling
Opening Doors to Higher Education in New England

Fall 2018

Guidance Classroom Curriculum – Sample lessons

- Grade 9 - Mass CIS –Career Interest Inventory
- Grade 10 – Diversity / Cultural Awareness
- Grade 11 – Financial Literacy
- Grade 12 – Post grad planning



College Readiness Events

- NEACAC College Fair – Sept. 16th
- PSAT – Oct. 16th
- AIC – National College Fair – Nov. 6th
- SVAHS College and Career Fair – Nov.
- Accuplacer practice testing – Winter
- College Visits – HCC, STCC, Westfield
- Financial Aid Night – FAFSA, Scholarships - Winter

Career Readiness Events

- 11th & 12th grade –SVAHS College and Career Fair- Nov
- Women in Engineering Day – UMass Amherst – Oct.
- ASVAB – military entrance exam - Winter



Collision Repair Smooth's it out

The 2018 freshman are competing for bronze, silver and gold medals and with a gift cards attached in \$50 (bronze), \$75(silver), and \$100(gold) with each medal. Each student received a damage fender that were donated by local body shops and an LKQ keystone auto Parts vendor.

Students were demonstrating the skills that were taught to them since January of this year. These skills included, safety practices, working out damaged sheet metal within a 1/8 of an inch of the original contour using the appropriate Tools for the task at hand. Bodywork using plastic filler to

help return its panel to pre-accident condition, sanding, mixing and applying primer fillers, final sanding, prepping for paint, refinishing and finally buffing and polishing to finesse their work for the final outcome of the product.

The students have been graded on their knowledge of skill, performance and quality of their work as well as safety practices. The students are getting excited and the competition is close. The Instructors will add up the points and the highest point averages will win Gold, silver, and bronze and the \$100, \$75, and \$50 gift cards from Napa Auto parts in Northampton who the owners found

out about this contest and donated those gift cards, they wanted the students to compete hard and something to work for. Thank you to Alan and Christina.



Automotive Technologies

Earlier this school year the Smith Voc Auto Shop purchased a set of Steelman Wireless ChassisEAR. We can mount these microphones on the chassis of a car or truck and allow us to pinpoint various sounds that would otherwise be difficult to hear or pinpoint. We can choose which of the four mounted microphones we are listen-

ing to which makes it easy to diagnose noises.

The Smith Voc Auto Shop would like to thank NAPA Auto Parts at 348 King Street in Northampton for providing each of the 2018 graduating seniors with a digital multimeter.



Fun in the Summer? Could be a page turner...

The library collection is constantly being updated; I have been busy weeding outdated/obsolete materials and adding new, more recently published materials. In anticipation of our new art program, I have acquired books on art appreciation, art techniques, and artists. I am very grateful for the Northampton Education Foundation's SOS Book Fund grant to be able to purchase those and other books!

Prevent "summer slide"! Encourage your child(ren) to read over the summer. Below are links to some area libraries, several of which have summer reading programs for children and teens.

Go exploring! In addition to reading materials, you can check out passes to area museums and state parks at municipal libraries. All you need is a library card; stop in to your local library to obtain a free card if you don't already have one.

Leslie Skantz-Hodgson, Librarian

Amherst: <https://www.joneslibrary.org>
 Easthampton: <http://ewmlibrary.org/>
 Hadley: http://www.hadleyma.org/pages/HadleyMA_Library/index
 Holyoke: <http://www.holyokelibrary.org>
 Huntington: <http://thehuntingtonpubliclibrary.org>
 Northampton: <https://forbeslibrary.org> and <http://lillylibrary.org/>

Southampton: <http://www.southamptonlibrary.org/>

ALSO: Massachusetts residents can get a free ecard from the Boston Public Library and check out electronic books and audio books: <http://www.bpl.org/general/circulation/ecards.htm>



Carpentry Builds for the Future

The New forestry barn is now completed and ready for its new tenant's.

The Carpentry program worked extremely hard this spring in order to finish the metal roof and all the metal siding as well as the trim and paint work for the building. The upcoming school year will have the students working on a Habitat for humanity building project on Garfield avenue in Northampton.



As the final school days wined down you could find us out on the soccer field putting up the world's heaviest sign. This sign is a dedication to Edward Shaughnessy a forty year teacher and administrator of Smith Vocational!

Forestry/Horticulture

Students in all four grades of the Forestry/Horticulture program have been very busy this spring. The Smith School grounds look awesome thanks to the student's ongoing efforts to both maintain and modernize the landscape and their utilization of brand new landscape maintenance equipment. Members of the eleventh grade class spent some time maintaining the world war two memorial in Easthampton for the annual Memorial Day celebrations. The eleventh grade class is also working steadily on their preparations for national competition

this coming fall in the FFA Forestry Career Development Event at the FFA National Convention in Indiana and regional competition at the Big E in September.

The eleventh and twelve grade classes have prepared one greenhouse for renovation and have surveyed, graded and constructed a new foundation pad for our second hoop - style greenhouse. Both greenhouses will be fitted with modern computerized controls and will house our newly offered aquaponics and hydroponics

systems this coming fall. Students will be greeted in the fall with the ability to grow produce and raise fish in these new plant production systems as well as learn to construct modern greenhouse irrigation systems for containerized plant production.

Grades ten, eleven and twelve students participated in the FFA Arbor Skills, Safe Equipment Operation and Safe Tractor Operation Career Development Events hosted here at Smith School for all Massachusetts Agricultural Students during the months of April and May and were very successful.

Cosmetology News...

The Cosmetology department is wrapping up another amazing year!

Here is a quick snap shot of everything we've accomplished this year- enjoy!

Our Cosmetology students this year have taken part in the Paul Mitchell Beauty Trends hairshow, Paul Mitchell education classes, Skill USA competition, Hair Extension Certification class, mock interviews, and Artificial Nail Enhancement as well as alumni demonstrations.

Our department has had another successful year collaborating with the Northampton Council on Aging and Chesterfield Council on Aging by offering a "spa day" once a month to all seniors. All work is done by students and is supervised by licensed instructors. We offered haircuts, manicures, pedicures, and facials. We look forward to continuing this next school year!

We are also excited to have an opportunity to revamp our ninth grade pre-exploratory program to include more color and design techniques. Ninth graders will be exposed

to color, texturizing, hair styling and classroom safety. Ninth graders perform multiple mock services on mannequins to prepare them for tenth grade when they will be performing mock and actual services on their peers.

The tenth grade students are working hard to fine tune their practical procedures and time management skills for a variety of services before their junior year when they will be introduced to chemical services. They are finishing up their year with a project that requires them to use search engines and technology to research different licensure program throughout the country.

The eleventh graders recently had students from Northampton high school come in to the SVAHS salon for prom upstyles, which was an excellent experience for our students. The salon has been in full swing all year and students have been practicing client consultations and communication skills with their clientele. Juniors are becoming more independent and confident with their work on clientele as the year has progressed. Students are able

to navigate the Salon Target software in order to record client formulas and client information as they perform reception duties. Students are practicing waxing, facials, pedicures, manicures, product knowledge, styling techniques, upstyles, chemical relaxing, permanent waving, as well as a variety of haircuts and haircoloring techniques.

Congratulations to our seniors who have since graduated. Sarah Zawalick enjoyed her experience on Co-Operative Employment and is still employed at Classic Cuts in Williamsburg. Kristin Cater will be continuing her education at Greenfield Community College in the fall for Business Administration. Dannie Baker is working at Reflections salon in Easthampton and we wish her the best building a clientele. To all other graduates, best wishes in all your endeavors.

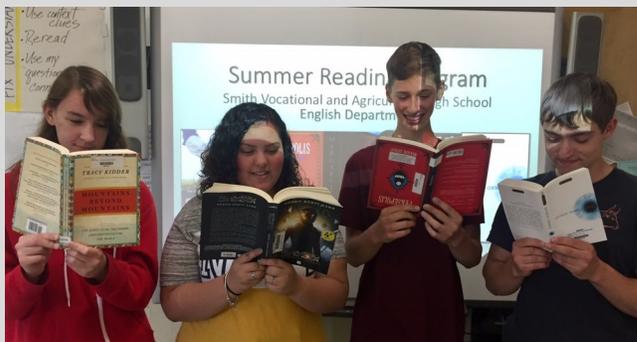
We will see you in September!



SVAHS Salon
Hours: Tuesday,
Wednesday, and
Thursday: 8:30-
12:30

Phone
Number:
1-413-587-1414
Ext. #3531

English Department News



Students from the class of 2020 enjoy four of our summer reading selections.

According to the *School Library Journal*, any child who fails to read during the summer break will lose reading proficiency and fall behind their peers who do read.

As part of the Smith Vocational program, students can choose one of the two books for their grade. Incoming 9th graders are sent the assignments in the mail and upper grades are given assignment choices in their English classes in June. You can also find assignments for all grades on the school's website under Academics > English > Summer Reading. The four grades are listed there on the left side.

Students must have their reading and writing assignment completed by the first week of school to be ready for classwork and discussion in English classes. This is an important homework grade for 1st trimester.

One of the best ways to improve reading skills is by reading often. The Massachusetts Board of Library Commissioners writes, **"Families who read together provide the strongest model for future reading, and research has shown that children who participate in summer reading programs reap the benefits of greater academic achievement."**

You can find more information about Massachusetts library summer reading programs here: <http://readsinma.org/>.

Parents and guardians, please encourage your children to read every day so they will be prepared for school in the fall. Enjoy your reading adventures and get lost in a good book!

ADVANCED MANUFACTURING

If this is not your first time reading the Viking Voice you might notice a change in our name! The State has begun taking the steps to modernize the former Machine Tool Technology and leap into the future of Advanced Manufacturing. Here at Smith we are a part of the pilot program to begin instituting the new changes and provide a technologically advanced version of CNC machining, CAD/CAM operations, and 3D printing with new additions including robotics and advanced level CNC operations. Students in the Advanced Manufacturing program will be prepared for careers and further education better than ever before! Machine shops are no longer the dark, dirty,

and unsafe place they were years ago. Students learn to operate computer controlled equipment with an emphasis on precision, manufacturing parts to size within a fraction of a human hair! Students will understand how climate controls and clean room operations are vital to manufacturing parts for many different industries such as Medical, Aerospace, Department of Defense, and even making parts to service the food we eat. Many new companies have requested to establish co-op agreements with our program as the industry is facing a shortage of qualified workers. This means more opportunities for student employment and more competitive wages. As usual, we still have more job op-

portunities than eligible students to fill the positions. Manufacturing is making a huge comeback and our students are getting ready to do their part to bring back "Made in America"! This year we had three students compete in the Skills USA State competition, one in each of the three categories. We are very proud of the hard work our students are doing to prepare themselves for a life long career in Manufacturing. We also want to congratulate our graduate, Amanda Batura, for being the Vocational Student of the Year! Great things are happening at Smith Vocational and we look forward to seeing all the great new things that come from the Advanced Manufacturing program!

Culinary Arts

The Culinary Arts department would like to thank our school community for your business and support throughout this past school year. We would also like to congratulate Chef Fortin for completing her 1st year with us here at SVAHS. In addition we would like to recognize and commend all of our students for their hard work and dedication to our program and their vocation. We hope they keep their skills as sharp as their knives this summer!

Congratulations to Tyler Page, Alura Carter, And Natasha Ding for winning medals at Skills USA District competition and to Tyler Page and Alura Carter for competing and representing us at the State completion.

We are very excited to welcome Chef Fawell, who will be joining our culinary arts team in the fall replacing Chef Kislo who we wish a wonderful retirement to. Chef

Fawell comes to use from Amherst College and brings with him many years of excellent Culinary and Hospitality experience.

The Restaurant may be closed now but look for us come September when we open our doors again. Have a relaxing summer while we cook up some new creations, we look forward to serving you in the fall.

Junior Chefs!

We would like to thank everyone who helped make our annual spring Pig Roast fundraisers a huge success. We would also like to welcome Chef Fortin as our new Junior Chefs Advisor! Congratulations on the new position.

SOFTBALL

The softball program would like to thank our loyal fans for all of their support as we wrapped up another exciting and competitive season. We would also like to thank Mr. Lareau and the entire administrative team for their continued support to athletics here at the school. We had a great growing year finishing 2nd in our league while saying far well to Gabby Downie and Kimberly Mullings, wishing them the best of luck after graduation. We look forward to next season. Go Vikings!

Getting Active with Phys Ed and Health

It was a fun-filled year in physical education in 2017-2018! Mr. Cyr and Ms. McDonald got through a plethora of activities ranging from fitness testing and the mile to dodgeball and soccer. Not to mention the various warm-up activities and team building challenges that the kids really strived for excellence in. Of special note is the work Ms. McDonald and Ms. Tirado (one of our CJ instructors) did with a group of freshmen girls in the RAD (Rape Aggression Defense) Program. After completing their own training earlier in the year McDonald and Tirado applied that training to an amazing curriculum for the students.

The students report that the program was fun and really gave them a sense of confidence. Way to go!!! Mr. Cyr and Ms. McDonald can't wait for next fall, meeting the new 9th graders and getting all the students moving again!!!

This year was a fun and exciting year for the freshman and sophomore health classes at Smith Vocational and Agricultural High School. From starting a campus-wide campaign to end teen dating violence, seeing the damage to a real (pig's) lung exposed to cigarette smoke, using impairment goggles to test the effects of substances on coordination,

learning how to analyze health data in the media, becoming aware of who we are and who we want to be, and developing a confidence to make decisions to enhance health, we have grown and learned together in a supportive and encouraging environment. Mrs. Sullivan is so proud of the classes of 2020 and 2021 for their hard work, positivity, and enthusiastic participation in all the units that were covered. She is looking forward to another successful year and being able to expand the learning and create a shift in the school culture through teaching social and emotional skills to next years' 9th and 10th graders.

This year was a fun and successful year for the Smith FFA Chapter. FFA is a nationwide student run agricultural organization that focuses on extending education and future career goals in the agriculture industry. While also stretching students leadership skills throughout numerous career development events (CDE) and leadership development events (LDE).

Our FFA Chapter had an enjoyable and very rewarding year competing in state level development events, with teams placing at the top of events and some making their way to the National Convention in Indiana to compete for the state of Massachusetts. FFA National Convention is an event where FFA Chapters from all around the United States come together to recognize each other as well as compete in National level contests. The Smith FFA Chapter has traveled to

the National Convention every year since 2002, making our up and coming trip the 17th consecutive year we have sent talented groups of people who have shown remarkable interest and demonstrated success in our chapter as well as state.

In addition to sending people who have succeeded tremendously on a state level, we also send our chapter officers to give them ever growing understanding and knowledge of big events the whole country takes part of to share with other members of our chapter guiding them towards larger goals and leadership in the FFA. This years new Smith FFA chapter officer team has 4 members: President Connor Pfalzgraf, Vice President Nate Gaze, Secretary Emily Johanssen, and Treasurer Karissa Bergeron. These members were put into their positions during the Smith FFA chapter banquet, an important event recognizing the suc-

cess our chapter has brought up through member support, as well as awarding members who competed in development events or have shown tremendous leadership abilities.

The officer team would like to thank the previous officer team for setting them off on the right foot to push the chapter further through success. With their achievements and our goals the Smith chapter will have all it needs to push each and every member to their full potential in agriculture.



Cabinet Making

Cabinetmaking is winding down another busy year. This was the first year Smith Vocational cabinetmaking had a graduating class. Our seniors worked co-op jobs in great companies and did a great job. As they move out into the world to a new challenge we wish them all the best..

Students in 9 - 12 continued to practice skills learned in the cabinetmaking program by building projects for school and to be brought home. This year was an exceptionally busy one with many projects that taught students new skills, projects included; duck houses, make up vanity, tables, chairs, picture frames, cedar bench, butcher blocks plus many, many, more. I have attached 2 pictures of proud students standing behind big projects they completed and others busy in the shop.

We are looking forward to next year and a new group of eager students. We hope students practice the skills they learned this year but also have a fun and relaxing summer.

Have a great summer, see you in September.

Mr. Miller



PLUMBING PRAVDA

Weber GOLD!



The contest judges were heard to say that he worked methodically while keeping his area well organized

* On April 27th Sophomore Matthew Weber locked horns with the best high school plumbers in the state at the SkillsUSA State Leadership & Skills Conference. He was justifiably unsettled testing his mettle against students who have been in a plumbing program a full 2 years longer than he. Matt is one of the rare students who excels both in the classroom as well as with mechanical abilities.

Matthew moved on to Louisville, Kentucky to represent Massachusetts at the National SkillsUSA conference in late June. Matt had a strong showing and we look forward to him competing next year!

Greenfield Master Plumbers

The Greenfield Master Plumber's Association has been recognizing the up and comers in the trade for some time now. On May 17th this esteemed collection of tradesmen took time and money from their busy schedules to highlight the future of our trade. Two plumbing students from Franklin County Technical High School and two from Smith Vocational & Agricultural High School (Noah Liimatainen & Jack O'Connell) received a sizable bucket of tools and gift certificates. A member of the Board of Examiners of Plumbers & Gasfitters was present (Gregory M. Hanley) and spoke about how wise the young men's choice to enter the trade at this time was.

This group has been very, very supportive of our schools and trade. Welcome to the family, men.



History

The Social Studies Department would like to congratulate the Class of 2018 on their graduation. The past four years have flown by and we are so proud of your accomplishments both individually and as a class.

The Social Studies Dept. would like to officially welcome Alex Subocz to the Smith Vocational community as a full time teacher. Alex

was hired as a long-term substitute when Michael Parks became the interim Curriculum Coordinator. Alex, a Northampton native, came to us after substitute teaching at both Mohawk and JFK Middle School in Northampton. Alex is a great fit for the school and the History Department. We look forward to working with him next school year.

Finally, the Social Studies Dept. would like to thank both students, parents, and staff for their hard work this year. It has been a year full of projects, presentations, and lively class discussions. We hope this summer is relaxing and fun for our students and families!



Gillette Stadium
Foxboro



The plumbers visited Gillette Stadium and toured their mechanical rooms and facilities. They learned about the full time plumbers and HVAC staff employed at the facility.

The tour guide told of times when the "perfect storm" hit. Pipes breaking with hours before a show or lines backing up just before a professional football game and what they did so the show



Paterson above displaying a Superbowl Ring (Not his)

Criminal Justice - Protect and Serve

We are very proud to announce that two 11th grade CJ students earned gold and silver at this year's SkillsUSA state competition. Payton Atwell crushed all other contenders and will be representing SVAHS and the state of Massachusetts in a national competition this summer in Kentucky. Joshua Orrell placed second place, which is extremely honorable given the CJ program has only been in existence at SVAHS for four years.



We would like to congratulate and wish the best of luck to six CJ seniors (Leyla Betances, Jorge Canales, Austin Christensen, Gabrielle Downie, Emmanuel Franics, and Breanna Thomason), who were first to graduate from our program. Senior shop awards went to Gabrielle Downie for Leadership and Physical Training, Leyla Betances for Physical Training, and the Foster Farrar award to Breanna Thomason.

If you did not know, CJ students are expected to complete 100 hours of volunteer community service in order to graduate and are always looking for community projects or service work. Please contact Instructors Tirado and Burnett with opportunities as they arise.

Viability Inc.'s Move to Work Program at Smith Vocational and Agricultural High School

Paid Summer Internship Program

July 16 - the 27th

9:30-11:30am

Program Overview

Move to Work is an innovative, comprehensive approach to helping individuals improve their job readiness, employment options, job retention, and overall quality of life by integrating neuroscience research findings and physical activity within the learning environment.

How it works

Through MRC funding, Move to Work students will receive 20 hours of instruction in work readiness and soft skills. Examples of topics covered by these classes include: team building, positive communication, workplace expectations, time and personal management, stress management, and more. Students are able to apply these skills through up to 100 hours at a paid internship throughout the community. Job sites are chosen with the students' strengths, interests and support levels in mind. Students are also given 20 hours of job coaching by Viability staff to ensure a successful experience for the employer and the student. Scheduling for internship hours are determined through individual agreements between

Who can participate?

Any student who is 16 years of age with a documented disability who is enrolled with MRC. If you would like to participate but are not enrolled with MRC, please reach out to your special education teacher for details on how to enroll as soon as possible. For more details about the program please email: Cody Andrews, Viability Inc. Supervisor of Youth Programs at candrews@viability.org or May R. Marques, MRC Counselor, 413-536-8200.

THE DAILY ARC...LIVING WITH ELECTRICAL

Mr. Persson and Mr. Kelly's freshmen group have been prepared for their final exam and crushed it as expected. The mighty freshmen fifteen are setting the tone for next year and are ready to take the next steps in their training. We wish them a restful summer, they will need it upon returning they will have a new and improved curriculum and projects to contend with. They will also be the first class to run through the rigorous training we have designed. Great job Freshmen 15!

Sophomores to Juniors, a big step indeed. The sophomores will join the ranks of the mighty and clash for co-op jobs in the coming year. Half of this class, by the way, has already acquired apprenticeship jobs through the summer. Great job! The juniors will also see many improvements to their training similar to our freshmen. But, they will have state of the art PLC's to learn on. Several companies within our area are welcoming the updated change and will now look toward Smith Voc. for their electrical apprentices. Special thanks to Yankee Candle, Coke a Cola, and Elm electric, IBEW Local 7, and all the members of our advisory board for helping us to bring our electrical program into the 21st century.

DID SOMEONE SAY, SENIORS? That's right the next group of mighty morphing students to hit the big leagues. There are already a few students on co-op and several looking to obtain job placement next year. Next year these seniors have a heavy workload. With habitat for humanity giving us a whopping 4 jobs for next year. These seniors will be well prepared to enter the workforce. And if they get tired we have the Junior class that will be backing them up. Mr. Chander is heading up our outside works department here in the electrical shop. So, he will begin the year along with Mr. Kelly performing safe training and Job site safety training as well.

We can't wait to show you what our students can do!



Español

Students in Spanish I have made great progress in their ability to understand spoken and written Spanish. Some students are beginning to use the language spontaneously, showing that they have acquired basic structures of the language. All students have read their first short novel in Spanish, and created an extra chapter of their own to accompany the ending.

Currently, the class has two focuses. The first is that we continue to use Spanish to talk about students' everyday lives. Special person interviews take place about twice a week, and will continue for the rest of the year. The special person of the week sits in front of the class and is interviewed by the teacher in Spanish. The special person can share as much or as little as they like, but they often enjoy talking about their shop, their car, if they have a driver's license, their

pets, their friends, where they work, etc. The rest of the class takes notes, and later has a quiz (Notes are also posted on Google Classroom). It is a great way to build community by getting to know one another, while also reinforcing basic language structures.

The second focus is on storytelling. Each class has invented their own class story, beginning with character creation. Drawing from earlier units of study, students must first describe a character. The class then adds details about the plot and resolution. This requires students to be creative and use their imaginations: resulting in a story that is random. Every detail of the story is a contribution from a student in the class. Like the student interview activity, storytelling also reinforces basic structures of the language and helps students to learn new vocabulary.

In the final weeks of Spanish I, students will be viewing short vignettes about the life and work of individual Latinos in different countries throughout the world. Examples include a woman from Costa Rica who created a sanctuary for stray dogs, and children from Paraguay who have formed an orchestra with instruments they made from items found in a landfill.

The Spanish program will expand next year, to include Spanish 2. This course will begin with some review, and move quickly into an extended unit on agriculture, the agricultural products of Latin America, food production, food preparation, traditional foods, and the link between food and our health. Spanish 2 will also focus on reading, with short novels and news articles as strong components of the curriculum.

The Physics of Engineering...

Just a few updates on what the Physics and Engineering students have been up to this year.

9th graders in Introduction to Engineering Design have designed machines that use camshafts to perform specific tasks with precise timing.

10th graders in Principles of Engineering have built and programmed robots to accomplish various tasks, including battling each other. Other sophomores have completed the Engineering the Future curriculum, in which the students gained a comprehensive understanding of the art and science of engineering, and have applied that skill and knowledge to the June MCAS.

11th graders in Circuit Design and Digital Electronics either designed and built a traffic light system, or else used seven-segment numerical displays. Juniors in renewable energy designed,

fabricated, tested, and redesigned wind turbines to try to charge their cell phones.

12th graders in Engineering Design and Development presented the culmination of their year-long effort to make a product that could be patented. Seniors in robotics explored the underwater world of Atlantis, or completed the minefield competition, while other seniors who took Engineering by Craft tested and redesigned their monster trucks.

Freshmen in Physics I studied energy and power, as well as their application; specifically, they researched where the energy for our electrical grid comes from, and how it is changing to adapt and grow in the 21st century.

Science wrap up...

The Science Department has just wrapped up all senior final exams and this June the grade 10 students just completed the Biology MCAS. Scores will be out in the fall! As we closed out the year the grade 10 Biology students finalized their anatomy projects. Grade 11 Anatomy and Phys students completed the last week of school with heart dissections to finish our unit on the heart. Human Body System I students finished their year with eye dissections as we completed our unit on visual perception and eye anatomy. The year has gone by quickly, and we are already starting to plan for next fall.

Mathematics Counts!

The Math Department would like to remind current students and incoming students of some general expectations. Please remember to bring pencils and erasers to math classes each day. The math teachers want you to be successful, ask questions, take advantage of re-takes and our after school homework help.

Our schedule, academic week/shop week makes the trimesters go by very quickly. Remember to check your grades on-line regularly and make arrangements

to get missed assignments turned in as soon as possible. If you are having trouble logging into the portal please email it@smithtec.org for assistance. If you get a score below a 70 on a quiz or test you should make arrangements to re-take it.

All Math classes give cumulative end of trimester tests worth 20% of their grade, with the third trimester test being the final exam. It is important to retain your notes and helpful to keep old quizzes for study purposes.

Parents/Guardians, if you have any concerns or questions, please do not hesitate to contact your student's individual math teacher either by phone or email.

Heads up – the 10th grade Spring 2019 Math MCAS test is scheduled to be an on-line test taken on a com-



HEALTH NOTES...

Grade 9 students have completed their first internship at Linda Manor Extended Care Facility in Leeds. They are currently in childcare sites learning about growth and development. They have received certifications for: dementia training, State Feeding Certificate, CPR, First Aid, and Babysitter's program.

Grade 10 students have all completed OSHA for health care providers and are currently in externships with local healthcare facilities.

Grade 11 students have received certifications for: Nursing Assistant with the American Red Cross, First Aid, and CPR. They are presently finishing community externships within the community.

Grade 12 students have received certifications for the National Phlebotomy Certification and Alzheimer's Habilitation Program. They have left the nest and ALL 5 are attending college in the fall. We are very proud of each one of them.

HEALTH ASSISTING...What have we done since January?

Students Volunteered in the Community

Spa day for 5 veterans from the Women's Program at the VAMC

Sorted dry goods at The Food Bank in Hatfield

Prepared for Women's Build Week at Habitat for Humanity

Participated in the spring blood drive with the American Red Cross

Blood pressure clinic at the Senior Center

Health Fair in Northampton



Best Wishes to seniors Hadleigh, Ana, Emma, Shaniexys, and Odalys!



9 students participated in the SkillsUSA district competition and Lexi West, Devlin Petifer, and Emma Tobin went on to compete at the state competition in April.



Nurse's Office

The Smith Vocational Wellness Advisory Committee would like to share this important article, written by Melinda Calianos, Director of the Hampshire-Franklin Tobacco Free Community Partnership and one of our committee members.

The tobacco industry is targeting our youth. Massachusetts has experienced an increase in vaping (use of e-cigarettes or vape pens) by young people. It is important to realize that vape pens are not just another harmless fad, but that they usually contain nicotine, a highly addictive substance that is getting young people hooked on these products. Nearly 24% of high-school-aged youth in Massachusetts

report using e-cigarettes and almost 45% have used them at least once.

Why are so many youth vaping? E-cigarettes or vape pens come in over 8,000 different flavors--from Swedish Fish, to s'mores, to bubblegum-- to better attract young people. And it's working. Flavors are the leading reason that youth are using e-cigarettes, and the nicotine in these products leads to sustained use. We don't want youth to become the next generation of tobacco users, but Big Tobacco sure does, and flavored e-cigarettes and vape pens are making it possible.

More high school youth in Massachusetts are now using e-cigarettes than all other tobacco products combined, AND they are using them nine times more often than adults. The tobacco industry has made these products sweet, cheap, and easy to

get because they know that people who start using nicotine products in adolescence have a harder time quitting than people who start as adults. As parents and concerned adults, let's work together to prevent youth from becoming the next generation of customers for Big Tobacco.

Parents and teachers can make a difference. Talk with your teenagers about vaping and learn about their school's policy on it. Make sure they know that vaping is harmful and that nicotine is addictive and affects their brain development negatively. Effects of youth exposure to nicotine include increased risk for depression, mood disorders, or future drug addiction.

For more information, visit GetOutraged.org

***“Nutrition Wise” from the desk of the
Food Service Director***

Picnic and Party Pointers

Summer is here, the children are out of school and vacations are underway. It's time for family gatherings in the outdoors and perhaps some celebrations for graduation, Father's Day and July 4th. Picnic and party season doesn't have to be filled with high calorie, unhealthy foods! There are an abundant amount of fruits and vegetables from which to choose during this time of year. Here are some suggestions to keep your celebrations fun and healthy too!

Low Fat Foods for the cooler (perishables):

- Watermelon or cantaloupe wedges
- Fruit salad (berries, kiwi and grapes)
- Whole fresh fruits (apples, peaches, etc.)
- Cherry tomatoes and cucumber slices
- Potato, pasta salad and Cole slaw made with ½ of lite mayo or nonfat plain Greek yogurt or nonfat sour cream
- Vegetable, pasta, rice or bean salad

Lighter Grilling:

- Skinless chicken
- Veggie burgers
- Fish
- Pork tenderloin
- Veggie kabobs
- Grilled pineapple

Picnic Basket:

- Whole grain bun/bread
- Bake tortilla chips with salsa
- Lite popcorn

Fun Activities:

- Frisbee, Whiffle Ball, Volleyball, swimming

***Did you know...water is crucial when
the weather's hot!***

Your kids probably drink plenty of juice and milk each day. But don't forget about water. Although it has no nutrients, H₂O is essential to your child's health. Water aids digestion, helps prevent constipation and is vital for proper blood circulation. It also helps transport nutrients and oxygen to cells, cushions joints and protects organs and tissues, helps regulate body temperature and maintains electrolyte (sodium) balance. Make sure to offer water between meals, don't forget to bring bottles of it when you're on a car trip or at the beach or park. Water helps control the body's temperature, it's the first line of defense against heat-related illnesses like heat exhaustion and heatstroke. Don't rely too much on sports drinks, which contain salt and sugar – encourage water breaks often!

