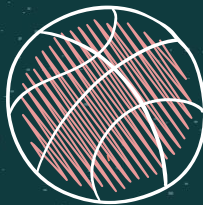


MARCH 2024

ARTISAN
REPORT



ENGLISH





"Shall I compare thee
to a summer's day?."



-William Shakespeare
Sonnet 18





01. RECITATION CONTEST



Students in **Mrs. McLean's** AP English Literature and Composition AP class participated.

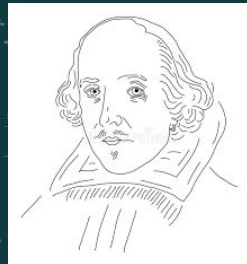


02. PRESENTATION

Recitations concluded with a summary and analysis of the facets of the poem.

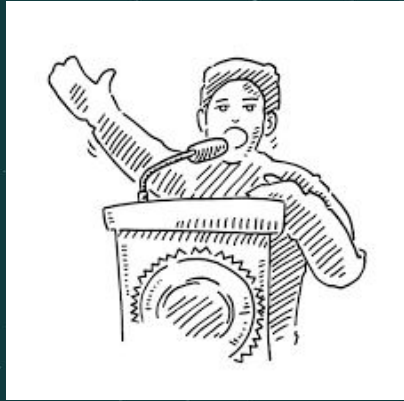
03. DRESSING THE PART

Many students included additional material or costuming as part of their recitations.



This Facilitates:

- ☆ Public speaking techniques
(skills enhanced by collaborating with Ron Quintin) ☆
- Communication skills
- Encourages students to take academic risks



Judges: Matt Keane (English), Katelyn Roberts (English),
Jim Bernard (Science) and Mike Perry (ELL)



Austin Hooda '24



Dania Alvarez '24



Isabella Cashman '24



Kylie Gagne '24



Syrianna Green Bodden '24



☆
♡
"America is an improbable idea,
a mongrel nation built of
ever-changing disparate parts."



-Anna Quindlan
"A Quilt of a Country"



'A Quilt of
Classroom" Cultural
Diversity Project'☆

Erin Dube's Grade 9
English





DIVERSITY QUILT

01.

LESSON OBJECTIVE

After studying this essay, students created their own quilt patch reflecting both cultural and personal aspects of their lives to contribute to the classroom's diverse quilt display.



02.

STEPS

Students included elements such as cultural flags, traditions, foods, holliday, future career choices and images reflecting both their culture, diverse and unique backgrounds.

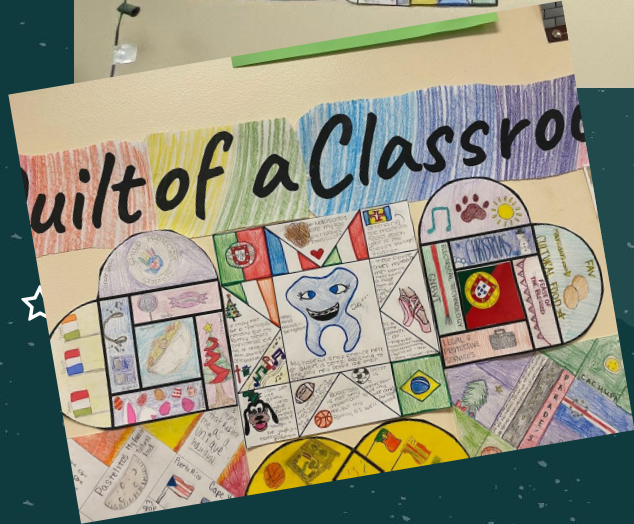


03.

OUTCOMES

Through creative and artistic expression, students shared aspects of themselves with the class, contributing to the "whole" of my **Quilt of a Classroom** display.

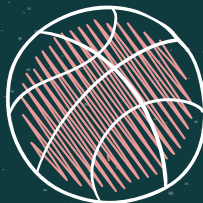




Thomas Buss '27
Quincy Stroud '27
Valter Fernandes '27



MATH





$\sqrt{123}$



STATE

FINALIST!!

$\sqrt{123}$



On March 14th at Holy Cross College, **Ms. Lauren Aubertine** will be a guest at the Association of Teachers of Mathematics in Massachusetts' (ATMIM) Annual Spring Conference.

She will be formally recognized as one of the three state finalists for the **2023 Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST)**.

STUDY
HARD!



+ x ÷





The Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) are the highest honors bestowed by the United States government specifically for K-12 science, technology, engineering, and mathematics teaching.

The Awards were established by Congress in 1983.

The award recognizes those teachers that have both deep content knowledge of the subjects they teach and the ability to motivate and enable students to be successful in those areas.

Since the program's inception, more than 5,200 teachers have been recognized for their contributions in the classroom and to their profession.

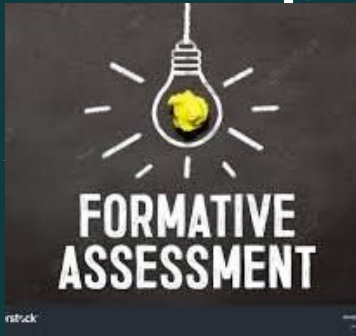


NOVEMBER MCAS RETEST RESULTS ARE IN...

- All but five students have now achieved a passing score.
- These students will have another opportunity to retest on March 7th & 8th.
- Tutoring sessions for these students are underway.

☆
Math Department Completed *Administering Trimester 2* ... ☆

Common Formative Assessments



Teachers will inform of adjustments to practice in the ongoing support of students to address their needs.

Over next 2 cycles teachers will be compiling and analyzing results.



AFTER-HOURS PRECALCULUS ENRICHMENT PROGRAM!



1

Second year in a row

Mr. David Goncalves
and Mr. Helder Almeida
offer this rigorous
extensive program to
juniors.



2

Purpose to prep
students

To tackle Honors
Differential Calculus
senior year.

3

Highly successful
last year

Resulting in a
significant increase
in enrollment in this
Honors Differential
Calculus and
Precalculus.



Mr. Goncalves and Mr. Almeida should be commended for their proactive proposal and execution.



AUTOMOTIVE



AUTOMOTIVE

- All grade levels are busy at work with many different types of vehicle car repairs with no less than 10 - 12 cars in the shop daily!
- Junior automotive students had the opportunity to visit Toyota's parts distribution center for the New England region.
- The facility supplies parts to 130 Toyota dealerships and sells about \$25 million worth of parts each day!
- The following 17 students are out on Co-Op:

Adyn Achadinha, Super Lube, New Bedford

Karly Amaral, Littles People's College

Dominic Bland, Plymouth Dodge

Mario Cerritos Baca, Toyota of Dartmouth

Joseph Khalife, Hiller Dodge

Cameron Moniz, Toyota of Dartmouth

Jesse Petitpas, Toyota of Dartmouth

Nestor Rodriguez Morales, Colonial Dodge

Noah Whalen, Hiller Dodge

Isela Chach, NAPA

Luis Chivalan Osorio, Speedy Change, New Bedford

Christian Cordeiro, Baptista Automotive

Cara Faria, AutoZone New Bedford

Ryan Labelle, Ralph's Automotive

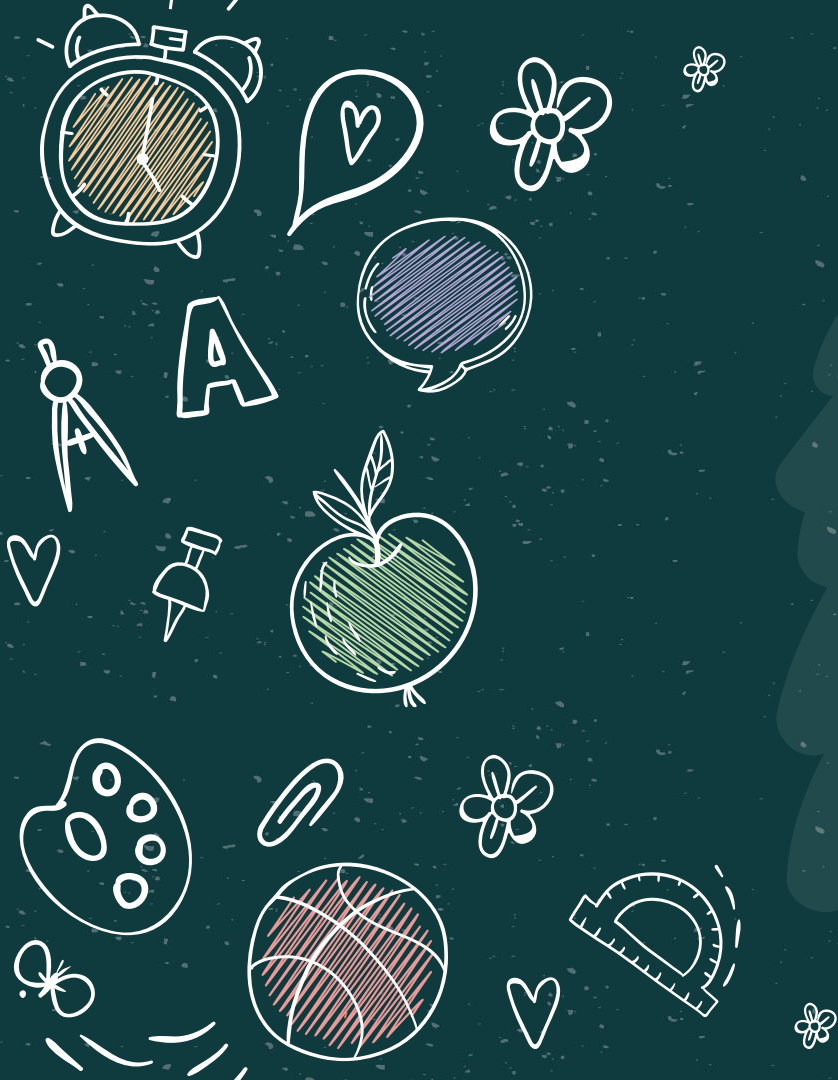
Jacob Penacho, Empire Ford New Bedford

Matthew Prezner, KIA of Dartmouth

Ryan Souza, Tire Warehouse, Wareham




BUSINESS TECHNOLOGY





Business Technology

- Business Technology students competed February 26th in Computerized Technical Events hosted by Business Professionals of America (BPA).
- Students will compete at the State Leadership Conference March 2nd-3rd, in Norwood, MA. Awards will be presented upon completion of the conference.
- March 13th students will participate in the Junior Achievement "Titan" Challenge hosted by UMASS Dartmouth.
- Seniors are wrapping up their Entrepreneurship and Investment Business Plans and will compose presentations for their senior projects, "Entrepreneurship and Management" related course.
- Juniors have been focusing on Accounting and Personal Finance, specifically filling their income tax returns. Students who received a W-2 will have the opportunity to learn how to and then file their very own tax returns!
- Congratulations go out to our BT seniors announced as Senior Superlative winners!

Best Duo~Nate Mendes and Neissy Ramos

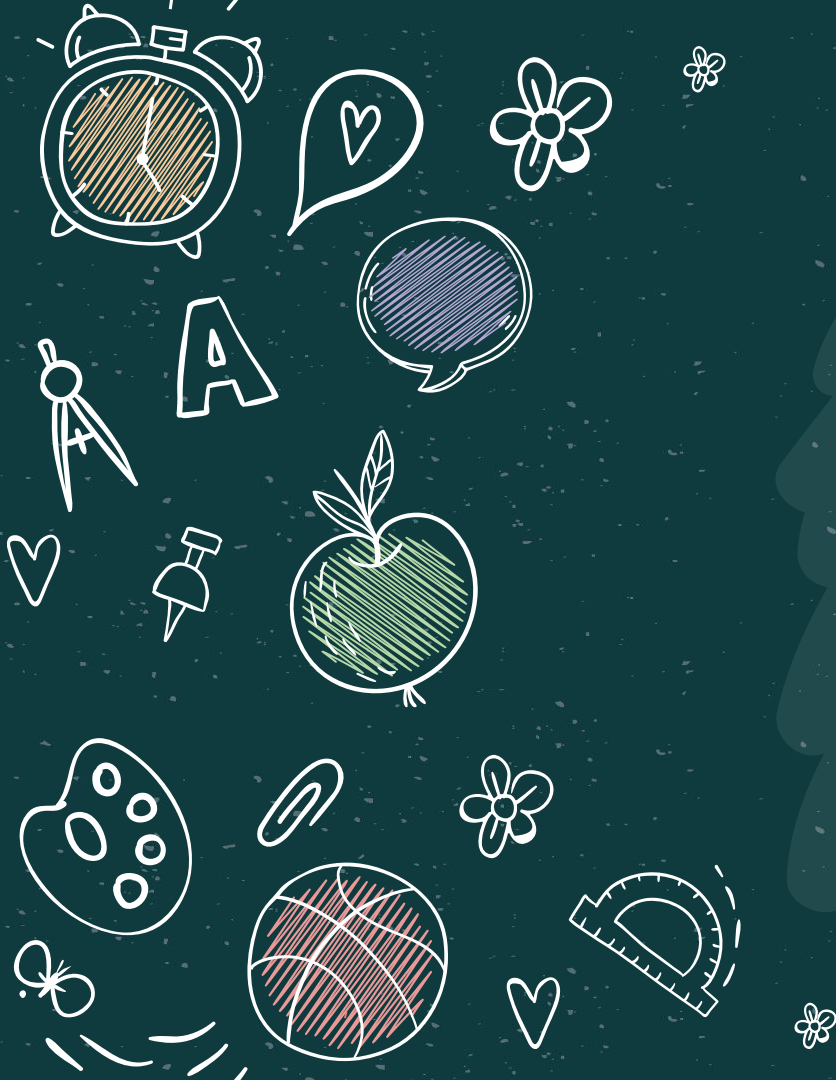
Best School Spirit~Nathan Fernandes

Most Likely to be President ~ Josh Abreu

Longest Ehallpass~ Layton Wells



COLLISION REPAIR TECHNOLOGY





Collision Repair Technology

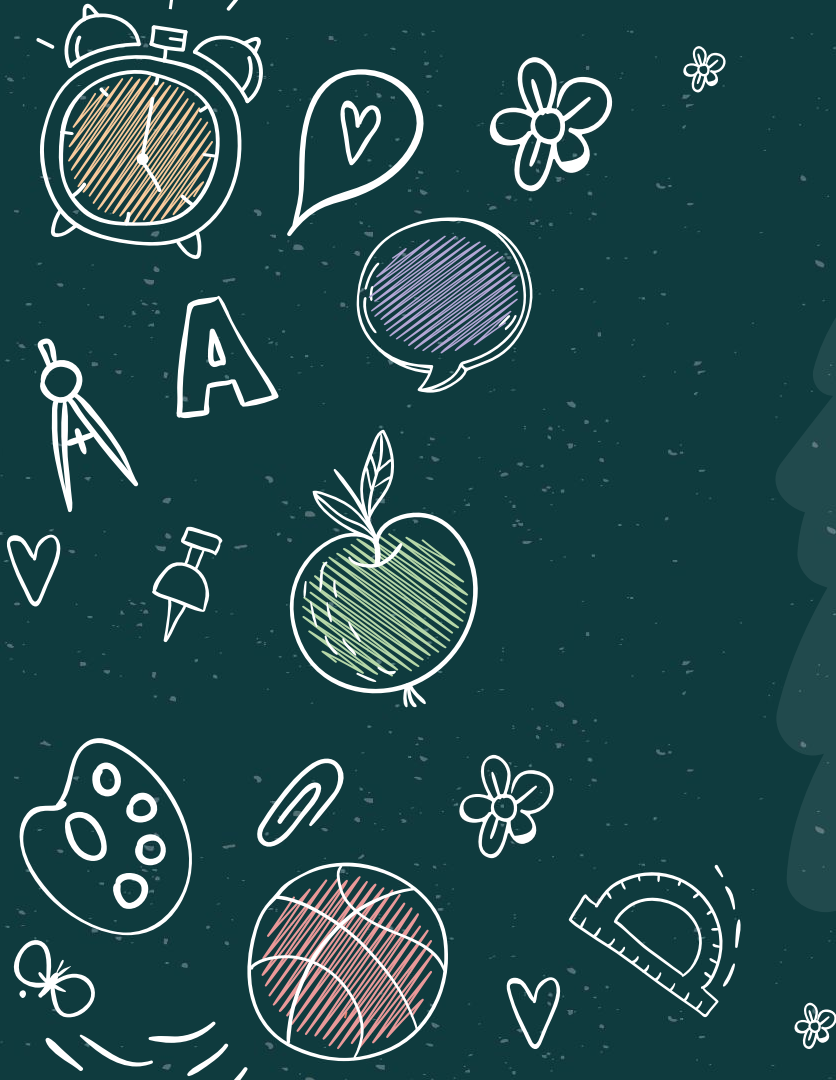
- Business Technology students competed February 26th in Computerized Technical Events hosted by Business Professionals of America (BPA)★
- Collision Repair Program continues to follow their course curriculum guides supplemented with live work enhancing students' skills.
- Permanent freshman students are currently learning safety precautions and the safe use of shop equipment.
- Next cycle freshman students will be introduced to step by step detailing process on customer vehicles.
- Sophomore students have done an outstanding job with their basic bodywork and refinishing curriculum.
- Sophomores have taken bodywork training and applied it to vehicle hoods taking damaged hoods to refinishing, with artwork they chose and applied to the hoods. The hoods are on display in the shop.
- Junior students have been delving deep into vehicle repairs fixing light dents to heavy damage and the refinishing all in preparation to head out on Co-Op soon!
- Junior students **Jaheem Mendes** and **Hamington Rivas** are working at Luzo Auto Body with three other students to be placed soon. ★
- The program had added a completely new component that Juniors are currently learning, sand blasting with the Dustless Sandblaster purchased last year with Perkins Funding! This training allows student opportunities to train for a highly profitable future self-employment in the field. ★
- Seniors have five students out on Co-Op, **Isaiah Houtman** at Pinto Auto body, **Dylan Bagley** at Brougham Auto Body, **Diesel Leger** at Lech Auto Body, and **Marvin Pacheco** and **Noah Carreiro** at Check Collision.





Sophomore Hood & Body Design Work

COSMETOLOGY





Cosmetology

After three plus years of studying, practicing and determination we are pleased to announce that **Briannah Bernado, Sophia Senra, Deja Soares,** and **Laila Sousa** have recently passed their Massachusetts Cosmetology State Exam and are now licensed cosmetologist.



Briannah Bernado, Sophia Senra, Deja Soares, & Laila Sousa



- Several more students are in the pipeline, with the hope that all 23 students will be licensed before the end of this school year!





- Advisory Committee Members Lori Gomes and two colleagues provided a presentation to our freshmen class on Traditional and Non-Traditional Career Opportunities in the Cosmetology Field.
- Lori is also the owner of Beauty Union Salon, in New Bedford. She and her colleagues shared that they also have done make-up and hair for the television, theater, and the film industry.



- Freshmen students have been studying hair care and the types of shampoos and conditioners that work best for various hair types and textures. ☆
- The students created poster boards to support their findings and to familiarize themselves with the appropriate products and how to properly use them.



Mariah Pina & Abigail Pacheco



Yanalise Rodriquez, Jaelyn Flynn, Emma Forgue, & Carol McKay



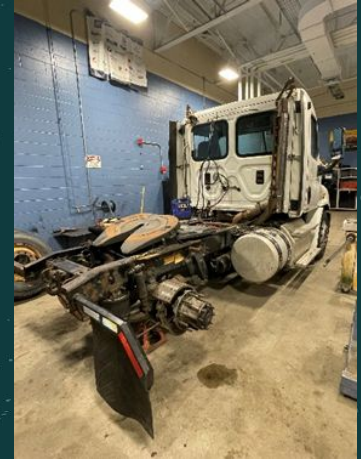
DIESEL SERVICES





Diesel Service

- Permanent freshman students have been placed and currently working on safety instruction, both in the shop and in the classroom
- Freshman are being introduced to OSHA Safety Training curriculum and will receive their OSHA-10 cards sophomore year.
- Sophomores continue to work live customer passenger vehicles, trucks and large commercial grade equipment providing students real-life experiences needed to become successful in the diesel industry trade.
- Students continue to learn on the diesel tractor trailer purchased this year for the program.
- Students are currently learning about the air braking systems on the big rig.



John Deere Excavator



Shop Tractor Trailer





- Senior students continue to work on piloting a personal financial literacy program preparing them to be more financially literate upon graduating.
- Currently three students are out on co-op.:



Seniors: [Cory Frates](#), Best Car Dealership, Plymouth

Juniors: [Elizabeth Santos](#), Sandpiper Airlines, New Bedford Airport

[Kristen Maiorano](#), Concordia Shipyard, South Dartmouth



Information Technology and Program & Web Development



☆ Information Technology and Program & Web Development

- Junior Information Support Services and Networking students collaborated with the Programming and Web Development instructor to design, order components and build a high-end computer to support shop projects including game design using Unity software. ☆
- Sophomore and Junior ISSN students completed the build and prepared the computer for a production environment
- The new computer will soon be in the Junior/Senior PW shop and connected to the ISSN internal computer network and datacenter where it will have access to internal web and application servers.





Lucas Brum & Kayden Demedeiros, Juniors



Sophomore Students Building Computers





- Sophomores from both Information Support Services and Networking and Programming and Web design are currently enrolled in the CISCO Network Academy and working towards the CISCO certificate in Introduction to Cybersecurity. 
- The course is part of the changing curriculum in both IT shops that is adapting to the importance of cybersecurity in today's computer field.
- The five-part program covers the following:
 - The Need for Cyber Security
 - Attacks, Concepts and Techniques
 - Protecting Your Data and Privacy
 - Protecting the Organization
 - Will Your Future Be in Cybersecurity?
- Thirty-four incoming freshmen students have joined the Information Technology Program 
- Freshman are completing projects that will help in their final ISS or PW track selection.
- The IS and PW sophomores currently work with the freshmen classes and model each program.



MARINE TECHNOLOGY





Marine Technology



- Sophomores from both Information Support Services and Networking and Programming and Web design are currently enrolled in the CISCO Network Academy and working towards the CISCO certificate in Introduction to Cybersecurity.
- January 25th teacher **Mike McConnell** and student **Jacob Reimels** were both invited to speak on a discussion panel at the Annual Business of Boating Conference at the Lakeview Pavilion in Foxboro, put on by Massachusetts Marine Trades Association.
- The conference is a gathering of industry professionals across the state discussing happenings in the Marine Industry Trades
- Discussions included: employment trends, legislative updates, new industry trends, products and the relationship between industry and Voc-Tech schools.
- Discussion ensued concerning how Voc-Tech schools prepare students and what the industry partners can do to support our programs.
- In addition to the great conversation, it proved beneficial to Jacob as he was approached by numerous industry members and offered jobs and accolades on being so well spoken and professional.





Marine Technology



2024 Annual Business of Boating Conference - Lakeview Pavilion, Foxboro, MA





The Marine Program took in 16 freshmen and hit the ground running learning hull repair including fiberglass, hull finishing and paint as well as beginning their Safe Powerboat Handling course.



We have 7 of the 8 seniors and 3 of 12 juniors out on co-op with others in the pipeline.

The following students out on Co-Op:

Juniors:

Kailey Galinha, Sperry Sails, Padanaram

Malik Pires, Fairhaven Shipyard

Peter Gouldrup, Chris Electronics, Fairhaven



Seniors:

Nasir Gonsalves, Padanaram

Aiden Williams, Saltworks Marine, Marion

Braden Duarte, Rick's Outboard, Fairhaven

Zachary Lake is at Concordia, South Dartmouth

Jordan Melo, East Coast Interiors, North Dartmouth

Jacob Reimels and Alex Pellegrino, Burr Brothers Boats, Marion



ACADEMY D

Arts & Manufacturing



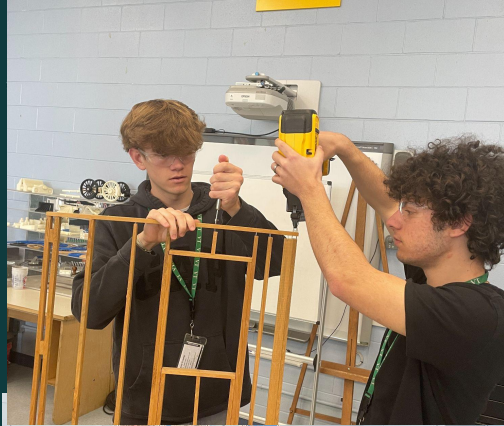
ARCHITECTURAL & MECHANICAL DESIGN



Building Model Homes



Senior Architectural Design students have been working on building model homes which reinforce the skills required to build wood framed structures and continue to prepare them for architecture classes in college.



ENGINEERING & ROBOTICS



☆ Engineering and Robotics

BIG NEWS!!!

01. CUTTYHUNK STEAM

The engineering program is excited to announce their partnership with the **Cuttyhunk STEAM Academy** to develop a **Wind Energy Curriculum**.

04. AT THE HELM

This project will be spearheaded by **Dr. Robert Southerland** of GNB and **Ms. Michelle Carvalho** of the Cuttyhunk STEAM Academy.



02. CURRICULUM INCLUDES

Research
Data collection
Mainland and island experiments

05. FUNDING

This innovative project was made possible through grant funds awarded to the Greater New Bedford Voc-Tech Cuttyhunk STEAM Academy Wind Energy Collaborative. The collaborative was awarded \$73,156.00 on January 11th, 2024, by the South Coast Community Foundation and SouthCoast Wind.

☆ 03. WHO

This research will educate the junior and senior students on the purpose and benefits of offshore wind and the production and usage of wind energy.



☆ The collaborative was awarded
\$73,156.00 on January 11th, 2024,
by the South Coast Community
Foundation and SouthCoast Wind.



MACHINE TECHNOLOGY





- The instructors and students would like to thank Mr. Mark Verronneau and the team at Brodeur Machine Company Inc. in New Bedford for their generous donation of an updated CNC Milling Machine.
- This new equipment will allow the students to work on a larger capacity machine and stay current with industry standard equipment which will better prepare them to enter the workforce



BRODEUR
MACHINE COMPANY, INC.



METAL FABRICATION & JOINING



The welding students continue working on projects for various departments throughout the building.

Recently, juniors **Simone Chaplin** and **Emily Andre** finished fabricating and installing a new stainless steel table top for the cafeteria food preparation area.

Stainless Steel Table Top





ABC Testing Incorporated



Non-Destructive
Examination
Techniques

ABC Testing, Inc.

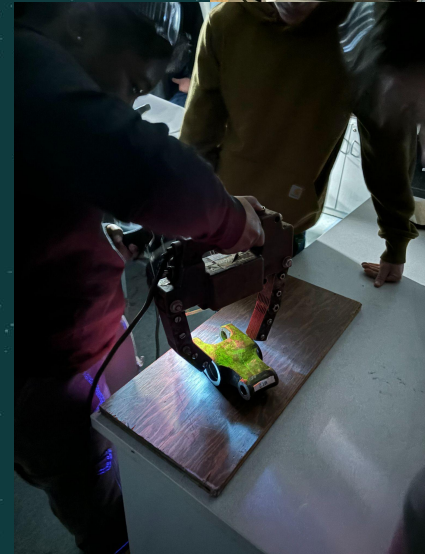
Mr. Bruce Richardson of ABC Testing Inc. of Bridgewater, MA spent some time with the welding students and instructors teaching them non-destructive examination techniques and training them on the use of this specialized equipment



Determinations

Necessary Examinations

These examinations are necessary for determining the integrity and strength of the completed welds.



STATIONARY ENGINEERING





Emergency Repair!

Students from the Stationary Engineering program performed an emergency bearing(s) replacement on a critical heating system circulator.

LET'S DO THIS

Repair Plan



- With a vacation week looming and a window of warmer weather, the decision was made to take the pump down and replace the bearings on the motor.

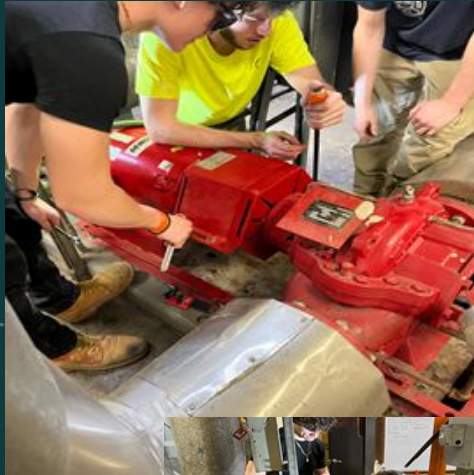
- Students stepped up and provided the manpower under the supervision of their instructor, disassembling the motor and replacing the failed bearing within the day.

- Students learned the importance of doing their preventive maintenance rounds, how to respond to an emergency and why it's important to always be prepared for such failures.





Stationary Engineering Performs Repair



CO-OP



U P D A T E

01

On Track

Co-Op program is on track to equal or surpass last year's numbers.

03

Juniors

Juniors are "beating down" Mr. DeGrace's door expressing interest to go out into the workforce. There are 50 juniors already out with no slow down in sight.

02

255

Students are currently on Co-Op: with numbers increasing.

04

Co-Op Sites

There are over 25 new sites this year, which is 17% higher than last year.



\$1,042,301

↓
Co-Op students have hit milestone
breaking \$1 million in collective
earnings. It continues to grow, as
the second Trimester ends.



☆
 $\sqrt{123}$

The inaugural SkillsUSA Smart Start conference, held on January 18, 2024, was presented as a 1- day experience filled with excitement and experiential learning.



YEAH!



☆
 $\sqrt{123}$

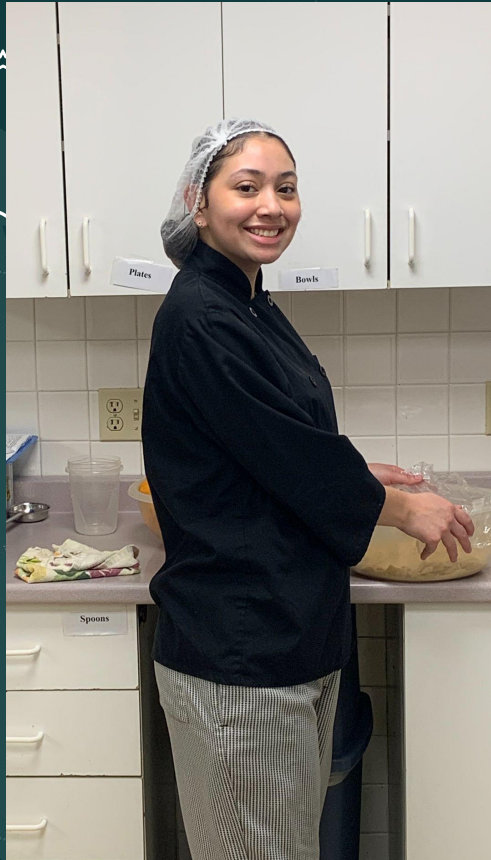
☆
WHOA!

420+

Non-Co-OP work permits have
been issued this year for students
aged 14-17 yrs.

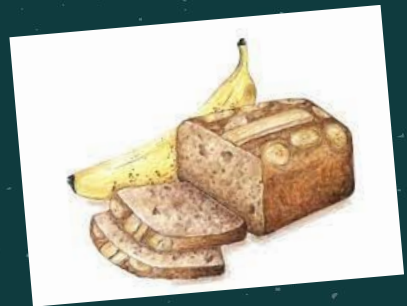
☆
+x÷





- ☆ Culinary Arts senior, **Emily Ayala '24**, working ☆ as a chef at Project Independence in New Bedford, serving seniors at the adult daycare.
- Emily works as the sole chef during her Co-Op rotation.
- She has the liberty to work with the sites nutritionist to order meals and make her own menu.
- Mr. DeGrace has personally seen the seniors ☆ perk up when they smell Emily's banana bread cooking for breakfast. ☆

☆
Emily Ayala '24





CHECK COLLISION

★ **Noah Correiro '24** and **Marvin Pacheco Tiu '24** from Collision Repair shop at Check Collision in Mattapoisett.

★ Check Collision has a great program where our students get to work in all of the different areas in their shop before they find the perfect fit for our students.

★ Walking through this facility is proof how well Co-Op works. No matter where you look, there are **Voc-Tech Alumni** working including the facility manager.



Alumni Logo



SkillsUSA

2024 Smart Start
Conference Conference





All of the freshman students received their certificates and their SkillsUSA membership cards.



Braudilia Carvalho '27 won a medal for being a "Rising Star," recognizing her leadership and enthusiasm as she learned about the SkillsUSA organization.



The **GNB student facilitators** won 2nd place for Best Representation of their Topic and **Nia Rodrigues '24**, won for MVP facilitator.



THANKS!

Next Meeting: April 9, 2024

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**

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