

Student Projects | Community Connections



From Classroom to Community: ESAP High Schools' Student Project Compilation in Focus

The ESAP Graduation Program offers personalized learning to explore skills and interests while mastering 9 Essential Skills for Success. These proficiencies are shown through problem-solving in essential skills classes, subject courses, community experiences, and work opportunities. ESAP readies students for today's skill-focused economy and future work, learning and life.



A message from the Essential Skills Team

Dear Reader,

It has been another successful chapter in the journey of the Essential Skills program. With immense pride, we share that an impressive 48 out of 49 high schools have embraced and implemented the program, underscoring its impact on our educational landscape.

One of the program's most heartening achievements has been the way it has ignited a network of connections within our communities. Students, driven by their dedication to learning and growth, have reached out and woven bonds that extend far beyond the classroom walls.

Equally remarkable is the flourishing of initiatives under the inspirational leadership of our students. Their enthusiasm and innovative spirit have given life to projects that not only enhance their personal development but also leave a positive mark on our wider community. In the heart of this success story stand our dedicated educators. Their unwavering support empowers our learners to unlock their fullest potential, nurturing an environment where excellence thrives.

We extend heartfelt gratitude to each and every individual who continues to champion the Essential Skills program. Here's to another year of growth, learning, and achievement!

Beth Henderson

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Are you a New Brunswick educator wanting to know more about the essential skills program?

Visit our SharePoint to know more:

<https://nbed.sharepoint.com/sites/esap>



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Bathurst High School

Cupcakes for happiness: ESAP students decided to bake 500 "happiness cupcakes" for the entire school population to beat the school blues!

Educator: Alice Walker



Each cupcake had inspirational quotes that the students came up with. They brightened the day of every single person in the school community that day!

Belleisle Regional School

Educator: Bree Reinhart

Promoting mental well-being through art and presentations: Reanna has a passion for working toward positive mental health and came up with an idea for an assembly. The problem she wanted to solve is that many of her peers struggle and don't know when or where to get help. She received grants, made t-shirts, collected donations and then gave a talk in the school theatre. Her theme was "My Plate's full", which stressed the importance of recognizing that some days/months/years our plates are more full than others, and it's okay to ask for help. She welcomed guest speakers, her mother (a paramedic), and our guidance counsellor to support her in her presentation. She spoke about her challenges and how she copes, and also shared information on where to find help if you need it.



The assembly ended with time for students to write their worries, stresses, fears and troubles on a plate, and then we went out to a tarped area to smash the plates (with safety measures, of course)!



Bernice MacNaughton High School

Educator: Kari O'Neill



Making world timezones available to everyone: ESAP students built multiple clocks and set each clock according to different timezones. The timezones chosen were representative of students in the school.

These were installed by the students in the cafeteria. Each frame were stained, finished, searched for world timezones and set up each by ESAP students.



Cambridge-Narrows Community School

Educator: Natasha Douthwright



Future outdoor classroom: We broke ground on the outdoor classroom for two Grade 11 students' capstone project.



Veggie garden: Planting beans, tomatoes, lettuce, sunflowers, and pumpkins.



Campobello Island Consolidated School

Educator: Kale Merrill



Creating space: ESAP student Keaton Lord's Capstone Project wanted to create a welding space at CICS. The school didn't have any materials or even a space for welding when he began his essential skills program and he wanted that to change for future students. All materials and equipment have been donated by East Coast Ferries or through grants. Donated equipment includes a welder, protective gear (helmets, gloves, jackets), welding table and tools, curtains, and ventilation, all obtained by Keaton himself. Thank you to teachers from other schools and within the district who worked with Keaton to guide this project.

Junior carpenters: Students pictured are seen with wooden picnic tables they built and completed.



Canterbury High School

Educator: Paula Zegray



Working with the community: Amelia Bell and Alexa Grant found that there is a lack of resources at the DunRoamin SPCA. They decided to make dog and cat blankets to sell and raise money to buy items the SPCA needed.



Building pallets: Using pallet boards, ESAP student built, designed, and painted a sign for his garage which represents Canada and the CCFR



Central New Brunswick Academy

Educator: Lyn Colford



A great start for the first Essential Skills program of the school: Our first graduates from the program, Dominic, Kristy, and Bryson.



Dalhousie Regional High School

Educator: Jennifer Talbot

Team work: Students pulled off building a gazebo for their Indigenous Learning Garden. We were thankful for all of the outside support for completion, and to our First Nations Lead who helped bring in extra hands to bring us across the finishing line.



Students' progress: 4 students have completed their Foundational Learning this year: Taylor for PSE Mental Health Professional, Katelyn for PSE Cosmetology, Melody for PSE Cosmetology, and Kade for PSE Plumbing.



Fredericton High School

Educators: Ginger Nicholson & Stephanie McGrath

From garbage to "wow!": Austin Keenan, Gavin Tapp-Hatch, Carson Boone, Jordan Crouch, and Lucan Hogan took this rotting wagon and rebuilt the entire bottom, making this wagon fabulous again.

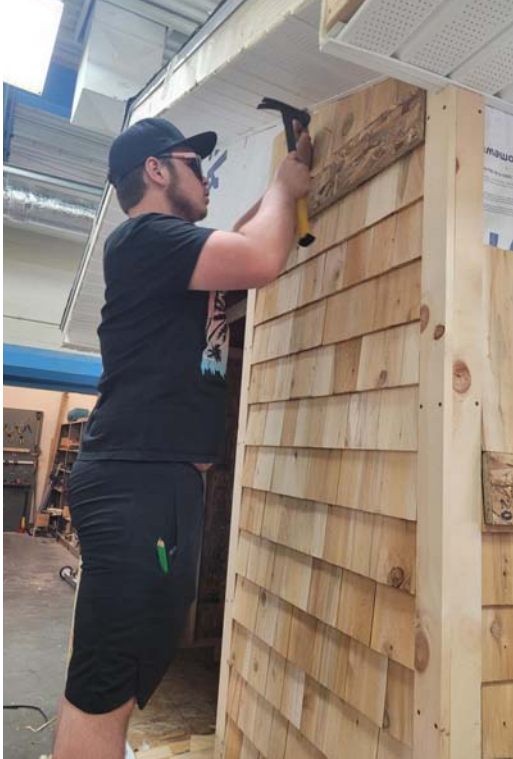


They learned how to use new technology in our innovation lab to create a new decal for the side of the wagon. They used 3D printers to make new spokes for the wheels and classroom tools to create the bottom of the wagon. Fabulous job!

Fundy Middle & High School

Build, build, build: Students built an aquaponics system, a shed for the maintenance department, a podium made out of old wood and coffee table.

Educator: Rose Wilcox



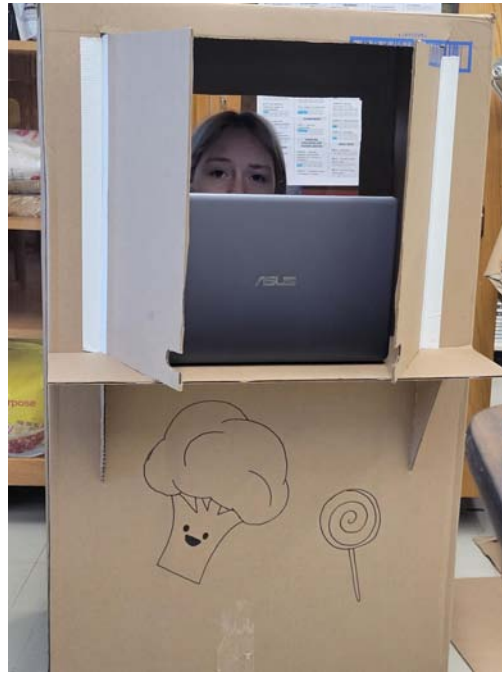
The activities included cleaning up the compound where extra cars were stored and making their own machete.



Grand Manan Community School

Educator: Danielle Materniak

Recycling, creating, and furnishing: ESAP student made good use of extra big boxes in school to create a stands. The students in all grades enjoyed them!



Proud ESAP students: Taking a pose with their foundational learning certificates after they've completed their first block of learning in the ESAP program.



Hampton High School

Educator: Wendy Buchanan

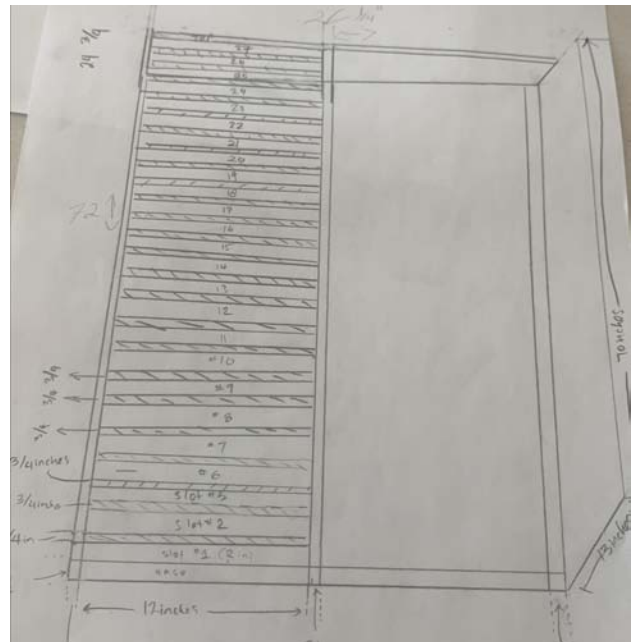
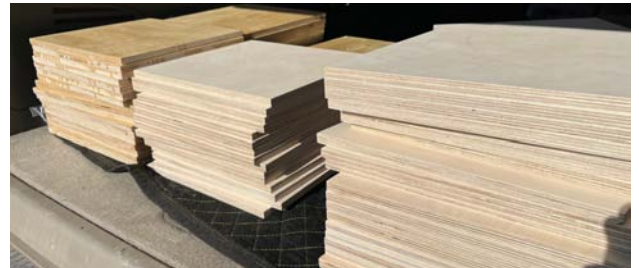
Lost and found rack: ESAP students built, painted, and designed a rack for lost and found items.



Creating a cornhole: ESAP student designed and created a cornhole game to be used at the school to promote active living and school spirit.

Harbour View High School

Educator: Heather Wiggins



Working with the professionals: In collaboration with Black River Woodworking, Mr. Robinson's Wood Shop, and Mr. Clarke's Metals Lab, students have been commissioned to create a bookcase for Ms. Waldron's classroom

The designing stage was multi-step. There were consultations with Ms. Waldron and multiple mock-ups and drafts of the design. Walter Derkson from Black River Woodworking has been instrumental in the creation of this project—students learned so many insights and knowledge, alongside his guidance.



Hartland Community School

Educator: Joel Everett



Students in action: ESAP students in the field gaining experience in the Energy industry. Thank you to Adam Trider, Centre of Excellent Energy and NB Power for this fantastic learning experience.



Big work: ESAP students working to create storage around the school. Great seeing students in action!



Harvey High School

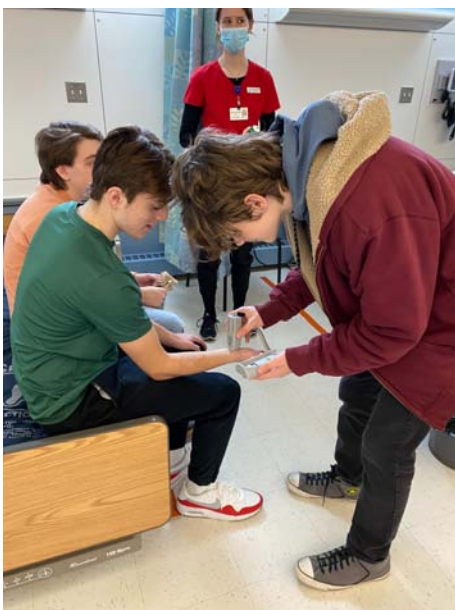
Educator: Ara Henry



T-shirt-making and breast cancer awareness: Caleb and Riley used the cricut machine to design t-shirts for the girl's volleyball team who participated in a breast cancer awareness tournament.



Transforming school landscapes: Zoe and Mya created a mural for the computer lab to brighten up the area. Koen built collapsible picnic tables for an elementary school.



Future of healthcare: Many ESAP students attended a rural nursing experience at UNB which demonstrated some of the skills nurses uses on a daily basis.



James M. Hill Memorial High School

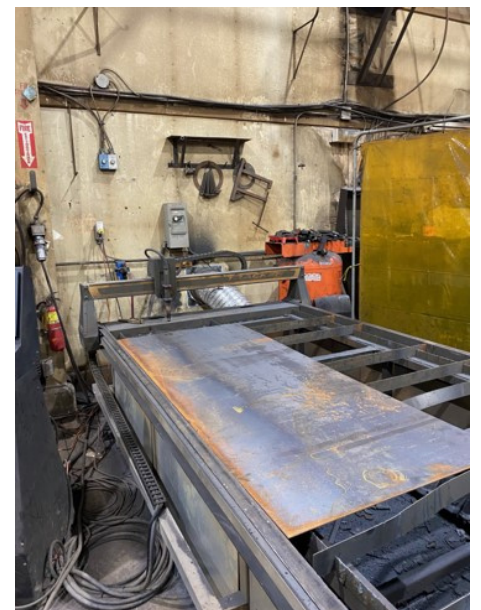
Educator: Denny Hamilton



Design and entrepreneurship: Austin designed a logo, etched the design into patches using a glow forge, stitched them on hats, and sold them. Also, made and sold stickers promoting buying local and local farms, farmers markets, etc. Did a draw from local farms, markets, and donated funds to a local farmers market.



Custom builds and donations: ESAP students sold a fireplace and firepit they fabricated, customized, and designed. Brody donated the profits to the local food bank, while Matt donated the funds to the SPCA.

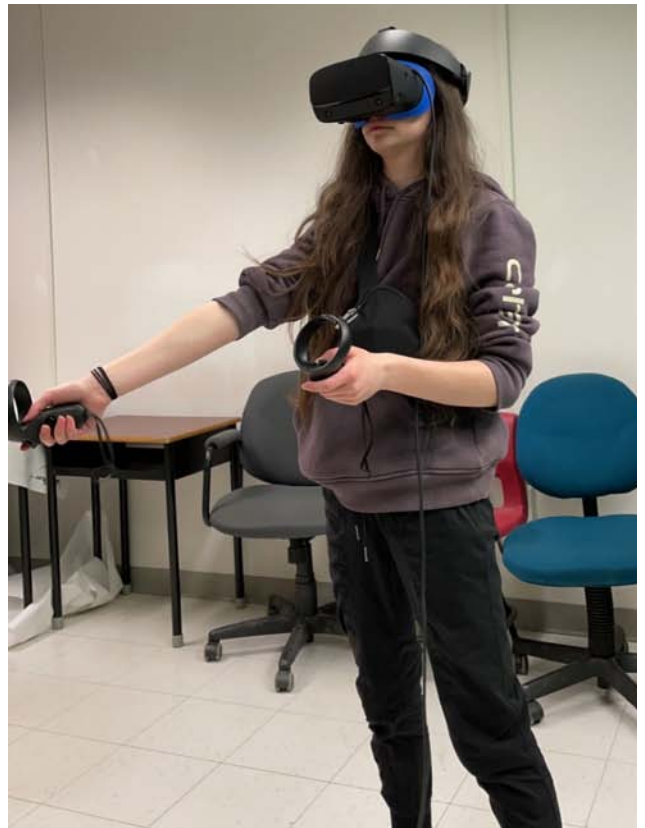


John Caldwell School

Educator: Roch Couturier



Wood working: Ivan Legace built a podium for the school as a capstone project. Projects by other students included a floating shelf, a magazine rack, and a chair. All projects supported learners to meet numeracy and problem solving outcomes.



Students learn using the Virtual Reality (VR).

McAdam High School

Educator: Ryan McMullen



Raising awareness for students of all abilities through children's books: Liam decided he wanted to raise awareness about students of diverse abilities. Liam has spent the past few months designing a beautiful children's book that he has set up as a display in the public library. He is now in contact with Autism NB organization about having the book as a potential educational resource.

Very exciting! Pictured is Liam with the local librarian.



'Bird boxes' to help community's literacy: Alex blueprinted, constructed, and donated library bird boxes for the village. He was also able to collect donations of books from the library to fill the boxes. Alex identified illiteracy as a challenge in the town and found this project as a promising solution to address this issue.



Minto Memorial High School

Educator: Craig Richards



Testing laser engravers:

School tested a laser engraver bought create many projects throughout the year. To start we made a wooden product of the Essential Skills logo to test it on wood.

Miramichi Valley High School

Educator: Brian Doyle

Building a building: The big project the kids took on this year was the 12x24' Off Grid Camp. Designed and built by the essential skills and skilled trades students. The building was wired, insulated, equipped with solar panels, cabinets, sinks and a composting toilet.



The students started the design in early November and completed the project in late June. Many different skills were incorporated into this large project.



Bench for a cause: ESAP student Matthew Murray built a bench in memory of his grandmother. He donated it to the Miramichi Dialysis Unit June 2023.

The delivery of the bench was attended by 15 of his family members, those who work in the clinic, and the town councillor.



"May this bench give rest to the body, peace to the mind and leave peace within the heart."

Nackawic Senior High School

Educator: Ian Kitchen



Pathway to working with children: ESAP student Caitlin is pictured here reading a book that she wrote for a Grade 1 class.

North & South Esk Regional High School

Educator: Dax Silliker

Students are on track: Two ESAP students Gracie and Ryan have already 80 percent filled their PSE pathways. This year, four students started the program.



Carpentry: Jaxon is working and leading the carpentry class in a project to build two sheds that the school has offered to build for a community member.



Oromocto High School

Educator: Brent Rowney

Bloomin' Blues Concert: On Thursday, April 6th, ESAP student, Grant Rinehart finally hosted the "Boomin Blues Night" after months of planning. This event lasted from 7-9:30 and was held in the school theatre. There were four artists invited to perform at the event; Tristan Horncastle, Steve Waylon, Richie Young and Too Bad Jim.



Tickets sold for 10\$ online and at the door, there were also snacks and drinks for sale with all proceeds going towards safe grad, all the ticket sales went towards funding mental health related projects within the school. With the funds raised Rinehart promoted Grant's Grants and ultimately funded two projects, one for 300\$ providing clothing to students and one for 200\$ to our indigenous studies program at OHS.



Loft Bed Adventure: During the first semester, Carys designed and built a loft bed with a foldable desk for the daughter of an OHS teacher. Collaborating with the teacher, they developed a plan based on the daughter's preferences. Carys drew on her prior experience to gather materials and utilized skilled trade workshops for tools. The construction occurred in sections, starting with the frame and ladder, followed by the desk with support. After weeks of work, she successfully completed the project, improving her task management skills. The bed was delivered to an excited young recipient.



Riverview High School

Educator: Andrew Colpitts

Building football lockers:

One ESAP student made a solution for the small football team locker—the helmets and shoulders were always in the way and needed to be able to dry better. The study planned out the structure build, and had other students help build, paint, and install them.

The locker has been more efficient and useful since. There are a total of 50 lockers, and they look really sharp!



Rothesay High School

Educator: Josh Little



Going 3D: Seth created 3D print chessboards for use in the library and games room of the school as his Capstone project.



Wooden Scoreboard: Harley V's capstone project is a construction of a wooden scoreboard.



More games: For Ricky's capstone, he created and built more games for the school's game room and to support students to have fun activities to do at lunch.



Keeping floors neat: Nathaniel resurfaced the rainbow walkway at the front of the school as his end of year project.

Saint John High School

Educator: Tori Roberts



Grilled cheese competition: This group competed in the 2nd Annual Grilled Cheese Competition. They planned their recipes, made side dish pairings, and shopped around Uptown Saint John to source ingredients. Students borrowed equipment from the Outdoor Pursuits class to do the cooking. Anna, Ahmad, and Brooklyn were our winners this year!



Hydroponic garden system: Adrienne, doing an Engineering Pathway, did research and built a vertical hydroponic garden system. She took the help from her classmates and the school building's engineer Paul.



Theatre production: The highschool's production of Grease involved many ESAP students. They helped in choreography, creation of costumes and props, and fundraising. About 5 students volunteered in the canteen to sell various treats and help run the tables each night.

St. Mary's Academy

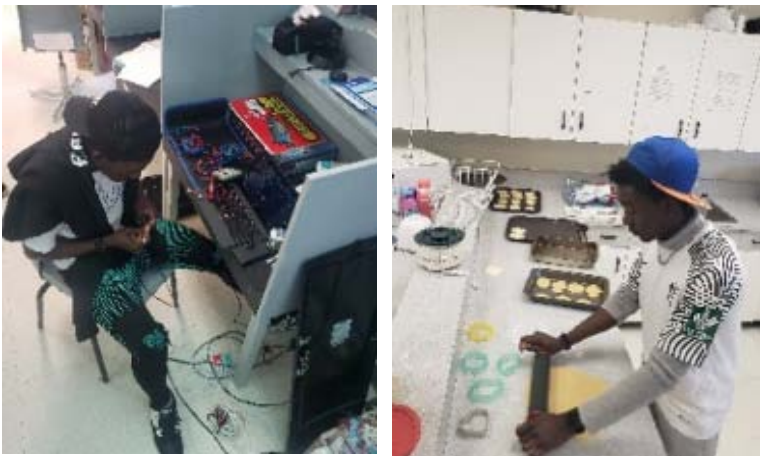
Educator: Jennifer Laforest



Mac-N-Cheese project: Antoine wants to become a chef and decided to use one of his family recipes to feed all students that purchased a dish. Owen and Carter were great team mates and provided kitchen support.



Building outdoor chalkboards: Strahinja and Owen prepared the chalkboards so that Hubert could install them with the Grade 5 outdoor learning class



Cookie sale for funding: Hubert, a student doing a pathway on engineering, needed money to complete his solar panel charging station project. He collaborated with Nancy's bake sale to sell cookies and raise funds for his capstone project.

Mug art: Amelia B., who is doing an early childhood education pathway, prepared a lesson where ESAP students had to design their personalized drinking cup for class.



Simonds High School

Educators: Cobie Wilson & Rayann Robichaud

Spooky tables: Quintin, Marcus, Zach, and Connor building tables for the Mitsubishi Halloween Haunted House in October. These tables had holes in them so the spooky actors could poke their heads and hands out to scare their guests! Brilliant!



Building a deck for the family:

Tyler was building a deck at home for his parents. The process taught him numeracy, reading, writing, thinking, and oral communication skills.

Woodwork for the school quad: Cody, with the help of Kacey, was working on his capstone project to bring more seating for the school's outdoor quad.



Sharing experiences: Teachers from ASD-South learns from ESAP students; their current projects, experiences, and learnings.



STEM kits: Simonds students working with STEM kits to learn about parallel and series circuits, levers and pulleys, gears, wheels, and axels.



Sir James Dunn Academy

Educator: Michelle Feeney



Learning at NBCC: ESAP students took a class at NBCC St. Andrews in their "H Stop" program where students were able to try welding, carpentry, marine diesel, refrigeration, and electrical. This was a hugely successful opportunity for our learners!



Collaborating with younger students: ESAP students hosted students from Vincent Massey Elementary School to work in the kitchen and make tacos together.



Stanley Consolidated School

Educator: Amanda Fairley

Making the space vibrant and colorful: ESAP students transformed their learning space.



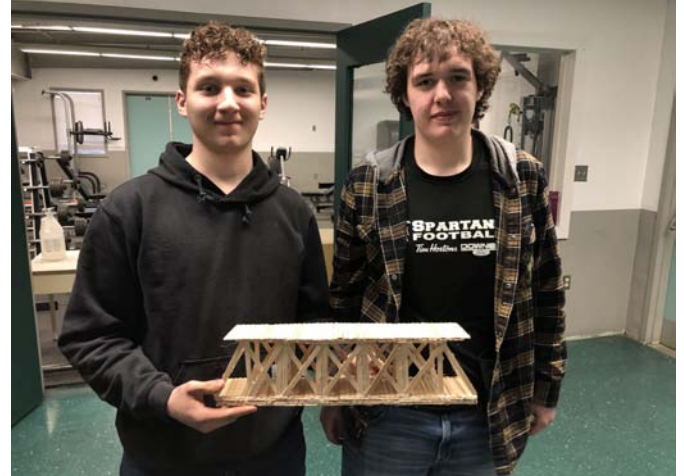
Students added more colour to in the walls and worked on the furnishings. Still lots to do, but what a difference! Lots of hard work went into this transformation.



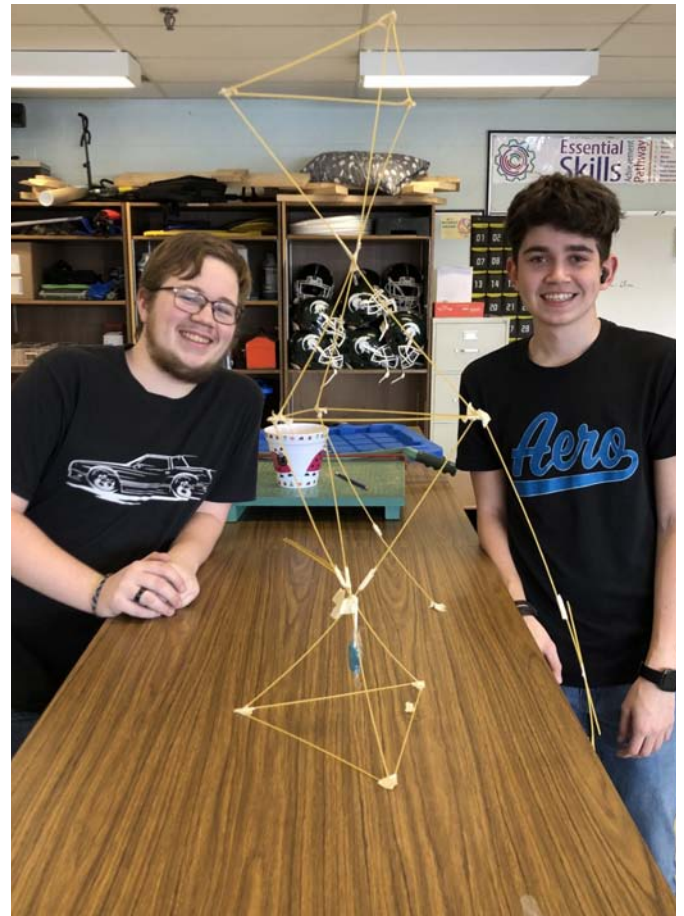
St. Stephen High School

Educator: Mark Huys

Meeting outcomes: Our new ESAP cohort tests their spaghetti towers and bridge construction through max weights before completion. This was a great project to kick start problem and project based learning.



Inside the classroom: ESAP students in class working on projects to enhance their creativity, innovation and problem solving skills.



Tantramar Regional High School

Educator: Matt Wheaton



Crafting, Selling, Showing and Innovating: We hosted our second annual Maritime Moto School at TRHS, which was a great success. In the shop, we developed a double bench project which we sold in the community. To further stretch our learning, we worked extensively with 3D printing. Here we are printing an adapter that was needed.



Tobique Valley High School

Enhancing our Skilled Trades Classroom: ESAP student Gabe's Capstone Project was to build a sturdier table for the CNC router of the classroom.

Educator: Jason Green



Finished product: Gabe's biggest 'win' was seeing the table hold the CNC machine really well. Because of the design and build, the CNC machine is now available for use and students make use of it almost everyday! Thank you Gabe!

Redesigning golf score cards: ESAP student Isaiah Paget worked with the board members of the Plaster Rock Golf Club about the needs of a better score card. Among the things Isaiah addressed was to make it a compact design that puts together the brief history of the course, the course layout, and partner brands in a more vibrant and colorful presentation. Great improvement and so many skills achieved!

Hole Number	1	2	3	4	5	6	7	8	9	OUT	10	11	12	13	14	15	16	17	18	TOTAL	NET	HCP	
Yards - Red	187	450	228	487	224	448	174	344	388	291	348	453	228	467	234	448	174	344	388	291	348	453	228
Yards - Blue	187	450	228	487	224	448	174	344	388	291	348	453	228	467	234	448	174	344	388	291	348	453	228
Yards - Par	3	5	3	5	4	4	3	4	4	3	5	3	5	4	4	3	4	4	3	5	3	5	4
Yards - Par	3	5	3	5	4	4	3	4	4	3	5	3	5	4	4	3	4	4	3	5	3	5	4
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Yards - Par	3	5	3	5	4	4	3	4	4	3	5	3	5	4	4	3	4	4	3	5	3	5	4

Woodstock High School

Educator: Peter Belyea

St. Paul's Pantry available to serve the neighbourhood
By Judy Cole-Underhill with the River Valley Sun

The high cost of living and a desire to help others in the neighbourhood has spurred St. Paul's Presbyterian Church in Woodstock to open a new free outdoor pantry on Victoria Street.

Rev. Wendy MacWilliams said "St. Paul's Pantry" became a reality through the help of students at Woodstock High School who volunteered to design, build and install the cupboard and then stock the shelves. Members of the congregation celebrated the launch of the pantry in front of the church on June 8.

"It took some time to find somebody to build it," MacWilliams said. "Students at Woodstock High were starting a new semester and we were able to identify some students to help with the project. Overall, it's

something that benefits the community. It's a way for neighbours to help neighbours."

Anyone in need can open the pantry to retrieve food, toiletries or other household items and are encouraged to return later to put something back if they can. There will also be a wish list inside for public suggestions on what items should be added to the pantry.

St. Paul's Pantry is located at the front of the church along the middle walkway. Regular supplies and financial donations for the pantry will flow through St. Paul's Presbyterian Church in partnership with other local churches and community groups. Private donations or gift cards are also accepted, MacWilliams said. "Maybe someone has too much of something at home or they picked something up at the store they want to donate," she explained. "They are welcome to come and drop it into the pantry."

Wendy Smith, a church member who helped lead the project, said she was inspired when she saw a similar outdoor pantry operating at St. James Presbyterian Church in Hanwell near Fredericton.

"I thought it was a great idea and we could help people in our own neighbourhood," Smith said.

Peter Belyea, an instructor for the Essential Skills program at Woodstock High School, said he was pleased with the work and role of his Grade 10 students. The pantry door carries the Thunder logo for the school. "They all got 100 per cent today," Belyea said with a smile. "I love it when a good project comes together." Belyea said he grew up in the neighbourhood not far from Victoria Street and hoped St. Paul's Pantry proved to be a positive asset for local residents.

Grade 10 students involved in the project were Jacob McHatten, Sloan Costain, Caden Grant and Nathan Partington, who served as movers; Jaden Martin, Alfie Hopkins, and Jersey Foster, who were the builders; Ian Bolger and Kayden Manuel, who helped with installation, and Grade 12 student Carley Davenport, who helped with purchasing groceries.

