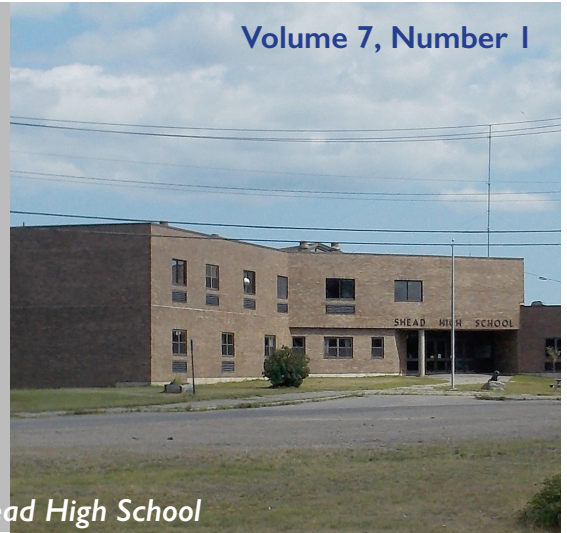


November, 2018



THE VIEW FROM THE HILL

Volume 7, Number 1



News from Eastport Elementary and Shead High School

Biology students tag and release Monarch butterflies

In a new project at Shead High School, Stephanie Allard's biology classes raised Monarch butterflies. Students began with future butterflies in their larval stage as caterpillars and reared them through their pupal stage until they emerged as adult butterflies. The adult monarchs were tagged with a tiny identifying wing marker before being released.

This year, the biology students reared and released 25 butterflies. This project was undertaken in association with Monarch Watch, an organization dedicated to education, conservation, and research to help maintain Monarch populations. Among their initiatives are the tagging program and the sale of milkweed plants to allow home gardeners to provide food sources for Monarchs. Allard's horticulture classes raise and sell milkweed each spring to support this effort.

Monarch Watch describes their tagging program, initiated in 1992, as "a large-scale citizen science project to help understand the dynamics of the monarch's spectacular fall migration through mark and recapture." Tags are printed using permanent inks on all-weather tags with a pressure-sensitive adhesive backing. These lightweight, circular tags were designed by Monarch Watch specifically for tagging monarchs. When applied as directed, the tags do not interfere with flight or otherwise harm the butterflies. Contrary to popular belief, there is no harm in touching a Monarch's wings as long as one uses a light touch.



New staff at Eastport schools

Eastport Elementary School welcomes three new education technicians, Ray Comstock, Mina Bowen, and Kelly Lank-Moores, and a new assistant cook, Sherri Cox.

Bowen grew up in Eastport and graduated from Shead. She holds BHP certification and works in special education at EES. In her free time, she enjoys cooking, traveling, and most important, spending time with her grandchildren.

Comstock teaches K-8 phys ed. He attended Southern Connecticut State University with a major in Education and Psychology. He has lived in the Eastport area for two years and has five years of experience as an educator. His favorite pastimes are history, sports, and coaching, and he is involved in the summer "Lettuce Turnip the Beet" program.

Lank-Moores, a native of Campobello, New Brunswick, has lived in Perry for the past ten years. She majored in Human Services at WCCC and plans to return to finish her degree in Education. She has substitute taught in Eastport Schools for the past four years, and is now providing classroom support in grades five and six. She enjoys spending her free time with her sons, Daniel and Jakoby.

Cox grew up in Eastport and attended Shead Memorial High School. When she's not in the kitchen, she enjoys reading and spending time with her family.

Shead High School welcomes three new teachers, V. Corynne Zinni, Olivia Kalloch, and Connor Lynch, and a new secretary/receptionist, Maureen Small.

Zinni attended the University of Maine at Farmington with a major in Secondary Education concentrating in English. She is teaching American Literature, Technical English, and Freshman English.

Kalloch grew up in East Machias and currently lives in Cutler. She attended the University of Maine at Machias with a major in Psychology and Community Studies—Disabilities in Youth. Her mother was a JMG teacher for over 20 years, which inspired Kalloch to accept the JMG position at Shead, which she describes as "a perfect fit." Her favorite pastimes involve the outdoors, including camping, kayaking, and hiking in the summer, and snowshoeing and snowmobiling in the winter. She is looking forward to involving her JMG students in community service, including the annual Turkey-a-Thon, Silent Santa, and Suddy Run.

Lynch, of Brunswick, also attended the University of Maine at Farmington, where he majored in Secondary Education—Social Studies with minors in History and International & Global Studies. At Shead, he teaches World Studies, U.S. History, and American Government. When asked why he chose Eastport to begin his career, he said, "What really drew me was being near/on the water. There's a weird feeling you get when you're away from the ocean for too long."

His favorite pastimes include movies, traveling, kayaking, painting, video games, genealogy, attending local sporting events, and museum hopping. He also plans to get involved in local community service. To people in the Eastport area, he says, "If you have something you want to share with any of my classes, whether it's family history, documents, or paintings—let me know and I'll bring you in!"

Small is a native of Eastport and graduated from Shead Memorial High School. She majored in liberal studies at WCCC and for the past few years has substitute taught in Eastport Schools. She enjoys hiking, music, reading, and spending time with her family.



Eastport benefactor funds whale watch for Shead students

Thanks to a generous donation from a former Shead biology teacher, a group of about 25 Shead students and their chaperones were able to go whale-watching on the *Pier Pressure* with Captain Butch Harris.

In his letter to current Shead biology teacher Stephanie Allard, Michael Tuckett wrote, "It's my hope to continue to find this endeavor each year, as Marine Science, and the young residents of Eastport, are both causes near and dear to me . . . After covering students' costs, apply any remaining funds toward equipment that could be of educational use while on the trip."

Tuckett, who taught at Shead during the 1990s, started the Marine Resources class before moving to Wells. He is pleased that Marine Resources education is continuing at Shead, and wants to support students getting out on the water and learning what an amazing resource we have here. Marine Science students learn how this resource needs to be understood, protected, and managed sustainably. Incredible as it sounds, this annual trip has shown that many area young people have never before seen a whale in real life.

Students first had a chance to check out Old Sow whirlpool. They visited the seal ledges off Casco Bay Island and saw several harbor seals, then cruised near Head Harbour Passage and saw several porpoise and minke whales, including "Breadknife," named for a serrated dorsal fin. They went out past the lighthouse because other whale boats told the *Pier Pressure* that that's where the humpbacks were hanging out, about three miles out. Students were lucky to see one whale spouting, and followed it to find another seeming to take a nap at the surface. Students reported that all they could see was its massive head and blowhole that kept spouting periodically. They watched it for about fifteen minutes before returning to Eastport. Students from the Marine Resources class towed for plankton off the back of the boat and analyzed the sample later that day back in the lab. They found a huge diversity of phytoplankton, diatoms, and dinoflagellates, as well as zooplankton such as copepods, a sea-soup bounty that holds up the marine food web in our nutrient-rich waters.

Shead student Jason Garnett, who works with Captain Harris and Eastport Windjammers, was on the trip and gave the students and chaperones a great deal of information on what they were seeing on the bay.



Fin clipping helps with salmon restoration project

On Friday, October 6, a group of Shead biology students traveled to the East Machias Aquatic Research Center (EMARC) to clip fins of hatchery-raised Atlantic salmon, an endangered species. The marked salmon are surveyed through electrofishing and smolt surveys, which identify survival rates and the size of the population leaving the East Machias river on their way to the ocean.

Through EMARC, the Downeast Salmon Federation (DSF) utilizes fin clipping to mark hatchery-raised salmon fry for release into the wild. Each fall, over 200,000 juvenile Atlantic salmon are marked with an adipose fin clip. This project is part of DSF's on-going project to restore the Atlantic salmon population in the East Machias River, and each year, Shead biology students help with the clipping.



Rockweed harvest is studied

Students in Stephanie Allard's marine resources class recently learned how to conduct a biomass inventory of rockweed on area shores with Alison Feibel of Acadian Seaplants. A biomass inventory lets researchers know the volume of a particular species in a given area, information that allows companies harvesting a species to accurately determine the percentage amount that can be harvested sustainably.

The inventory was completed first using GPS data to create image maps of rockweed beds to determine the acreage. With that information in hand, the data was "ground truthed" to determine actual biomass in a given area. This is a process of physically measuring a predetermined number of defined subsites to assess the actual population of rockweed, its size, and age. Only the true rockweed species, *Ascophyllum nodosum*, is measured.

Allard says, "This is a rich educational topic. My primary goals are to help students understand the biological role of rockweed in the ecosystem and explore rockweed as an economic resource, learning about issues connected with the harvest." These issues include the intertidal land ownership debate that is currently before the courts, how the harvest benefits local harvesters, and what the consequences could be if the resource is not managed sustainably.



Skippers event a big hit

Nine tenth- through twelfth-graders from Shead High School recently traveled to Schoodic Research Institute to take part in activities put on by the Eastern Maine Skippers Program (EMSP). Nearly 120 students and their chaperones from nine schools gathered in Winter Harbor.

A collaboration between the Maine Center for Coastal Fisheries and the Rural Aspirations Project, the EMSP works with eight coastal Maine high schools that serve fishing communities. According to their website, "The program's focus is on providing students with the core knowledge and skills needed to participate in a co-managed fishery, working with scientists and regulators to sustain the fisheries they depend upon as well as to run successful and adaptable businesses. A central feature of EMSP is a year-long project in which students work collaboratively with community members like scientists, fishermen, regulators and industry professionals, to investigate serious challenges within the fishing industry, to research, develop and present effective solutions." Shead is currently looking into taking part in the Skippers Program, which is now in its seventh year.

Students participated in marine-related challenges, including building floatable boats, fishing poles, and floatation devices. They also listened to presentations by industry members about topics including aquaculture initiatives, fishing gear/regulations, personal flotation devices and safety, and technologies used for research, to spark potential project ideas. One speaker who impressed the students, a ground fisherman from York, talked about networking as a way to increase local fishery markets.

Shead physical sciences teacher Paul Patterson said of the day, "It's good to see young people who are interested in the marine trades having a chance to network with each other and participate in group projects."



Fair features over 100 colleges

On Tuesday, September 25th, Shead students and their chaperones traveled by Port Bus to attend the New England Association for College Admission Counseling (NEACAC) College Fair at the University of Maine at Orono. The trip was part of Shead's "Connect Aspirations to a Plan" initiative in partnership with MELMAC.

Students in Guidance Counselor Leah McLean's grade 12 "Applying for Success" class and Olivia Kalloch's Jobs for Maine Graduates (JMG) classes attended the fair. Over one hundred colleges from Maine to California and Nova Scotia to Arizona were represented.

Following the fair, students and chaperones enjoyed lunch at the Happy China Buffet in Bangor.



Students had just gathered for a photo with the Maine Black Bear statue, when who should come along but Bananas the Bear himself! He happily agreed to join the photo.

EES, Shead elect class officers

Student elections for class officers have been held at both Eastport Elementary and Shead. The elections at Shead are under the direction of the Student Senate.

The new eighth grade officers are: President, Shaelyn Barnes; Vice-President, Austin Dean; Secretary, Cora Sánchez; and Treasurer, Jesse Cook.

Senior class officers are: President, Keegan Miller; Vice-President, Madison Greenlaw; Secretary, Roxanna MacGregor; Treasurer, Damien Lank; and Senators, Jacquelyn Cook and C.J. Francis.

Junior class officers are: President, Halle Sullivan; Vice-President, Laura Davis; Secretary, Colby Jamieson; Treasurer, Finn Sheehan; and Senators, Reagan Moore and Kiesha Scott.

Sophomore class officers are: President, Devon Wilder; Vice-President, Austin Ashby; Secretary, Rebecca Johnston; Treasurer, Jonathan Sutton; and Senators, Ryleigh Andrews and Teryn Smith-Oravec.

Freshman class officers are: President, Damien Downes; Vice-President, Jacob Trott; Secretary, Ashlee Morang; Treasurer, Kahlysta Morris; and Senators, Nate Steadman and Jordan Allwill-Farrell.

Officers of the Shead Student Senate are: President, Kiesha Scott; Vice-President, Reagan Moore; Secretary, Ryleigh Andrews; and Treasurer, Teryn Smith-Oravec.

Eighth-grade advisor is Allicia Mitchell, who is also the Shead Student Senate advisor. Junior class advisor is Olivia Kalloch. Senior class advisor is Catherine Lee, assisted by Sharon Cook and Christina Greenlaw.

Fall DAC All-Stars announced

The following Shead athletes have been named Downeast Athletic Conference (DAC) All-Stars in their fall sports.

Boys' soccer: C.J. Francis; Sportsmanship Award: Shead High School.

Girls' soccer: Kiesha Scott, Maleeka Barnes, and Jacquelyn Cook; Girls' Soccer DAC Champion for 2018: Shead High School.

Boys' Cross-Country: Austin Ashby.

Girls' Cross-Country: Shead, Katherine Bartlett and Ashley Morang; Top Female Finisher: Katherine Bartlett.

Shead students staff annual Turkey-a-thon

On Friday, October 12th, the 14th annual Turkey-a-thon was held throughout Washington County. This event is organized by WQDY Classic Hits 92.7/95.3, Healthy Acadia, V.L. Tammaro, and Dunkin Donuts to raise money for Thanksgiving meals. A \$12 donation buys a turkey for a local family in need, and 100% of the funds raised goes to food pantries in Washington County in the form of gift certificates for local grocery stores. County-wide, the event had the support of over 100 volunteers and raised over \$33,142—2762 turkeys!

At Raye's Mustard Mill, Shead students representing classes, sports teams, and organizations, with their teachers, coaches, and advisors, raised \$6461, which will purchase 538 turkeys. Some students dressed in costume or wore turkey hats. Shead's Jobs for Maine Graduates (JMG) students and their coach, JMG Specialist Olivia Kalloch, organized the event at the Mustard Mill.

First Bank provided snacks and hot beverages for the students during the day, and Bangor Savings Bank sent pizzas for lunch.



Students participate in Gallup Poll

Eastport students were among those who took part in the national Gallup Student Poll (GSP) this year. The GSP is a survey for students in grades 5 through 12. It is provided at no cost to schools, and is part of Shead's MELMAC grant requirements. It includes the following themes: engagement (the student's involvement in and enthusiasm for school); hope (the ideas and energy students have for the future); entrepreneurial aspiration (the talent and energy for building businesses that survive, thrive and employ others); and career/financial literacy (the information, attitudes and behaviors that students need to practice for healthy participation in the economy).

As well as giving students a voice in building great schools, results provide schools with important, actionable information beyond standard measures of grades and test scores to help schools prepare students for the future. The GSP is anonymous and voluntary. Students and their parents can visit the GSP homepage on the web at <http://www.gallup-studentpoll.com> to view the survey items and learn more. The results of this year's survey will be available soon.



JMG leadership conference a success

Jobs for Maine's Graduates (JMG) students from Shead High School and their teacher, JMG specialist Olivia Kalloch, ventured to Rome, Maine, in October to take part in JMG's annual Leadership Education Conference. Overall, the conference drew over 450 middle and high school students from across Maine.

According to a JMG news release, the overnight conference gave students the opportunity to practice and demonstrate career skills that are in high demand in Maine's job market.

A variety of competitions and challenges had the students working in teams to complete STEAM (Science, Technology, Engineering, Art, and Math) activities. Some of the projects required students to take on roles for their teams, such as manager, engineer, or marketer; create the product, and then pitch it to a panel of judges from Maine industries.

Students were also introduced to a growing sector of the twenty-first century economy called "social entrepreneurship." Social entrepreneurship focuses on solving social, environmental, and cultural issues through informed business practices.

Networking with Maine employers was another feature of the conference.

All activities provided at the JMG Leadership Education Conference were designed to inform students about the 21st-century economy and job market and bring them closer to readiness for successful careers.



Mock election both accurate, not

Students at Shead voted in a mock election, with mixed results as far as accurately predicting the outcome was concerned. Students in Connor Lynch's American Government class organized the event, which featured voting booths and a wooden ballot box actually used for City elections. The students acted as ballot clerks, ward clerks, and wardens.

The students selected Republican Shawn Moody as Governor, while the actual winner was Democrat Janet Mills. Incumbent Senator Angus King, an independent, was re-elected by both the students and the voters. Bruce Poliquin, the Republican incumbent Representative for the second district, was elected by the students, while Democrat Jared Golden prevailed after votes for two independent candidates were tallied under Maine's new ranked-choice voting system.

The students voted in favor of all ballot questions, including Question One, which went down to defeat in the actual election.

Erin Mahar brought her first- and second-graders from Eastport Elementary School to witness democracy in action.



Prom Night!



Freshman Reception welcomes Class of 2022

On Friday evening, November 9th, Shead welcomed members of the freshman class with the annual Freshman Reception. Although only half the class chose to participate in this year's event, the Freshman Reception is a long-standing tradition at Shead, dating back to at least the middle decades of the 20th century.

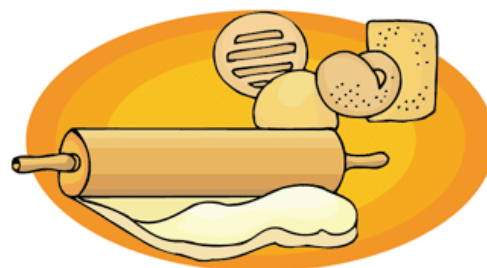
This year's event was sponsored and decorated by the senior class, led by the prom committee of Keegan Miller, Madison Greenlaw, Roxanna MacGregor, Brooklynn Gardner, Damien Lank, and C.J. Francis. Senior Jacquelyn Cook, a former WSHD student DJ, acted as DJ for the march and dance. The march was led by the Freshman Queen and King of the Class of 2019, Madison Greenlaw and Johnny Cox.

Following a school-wide vote, Ashlee Morang and Damien Downes were elected Freshman Queen and Freshman King of the Class of 2022.

Cooking club a new activity

Students who enjoy cooking have a new outlet for their creativity at Shead. New Social Studies teacher Connor Lynch has started a cooking club.

The club meets during selected periods 7 to explore a variety of recipes. The interest has been high enough that some sessions have had a waiting list as the kitchen can accommodate only about eight students at a time. A successful GoFundMe fundraiser provided start-up supplies for the club.



UMaine Jazz Ensemble performs for area schools

On Friday, October 19th, instrumental music students from Shead, Calais, and Machias High Schools and Washington Academy gathered at the Eastport Arts Center to watch a presentation/performance by students and faculty from the University of Maine at Orono's School of Performing Arts as the UMaine Big Band Jazz Ensemble took the stage. UMaine jazz faculty Dan Barrett and Philip Edelman, along with their student ensemble members, introduced a variety of jazz styles and instruments to the area musicians. After the presentation, groups of students met with jazz ensemble members for workshops.

That evening, the UMaine Big Band Jazz Ensemble, under the direction of Edelman, presented a journey through the different historical styles of jazz band music: early swing, dance music, cool jazz, bop and more modern styles.



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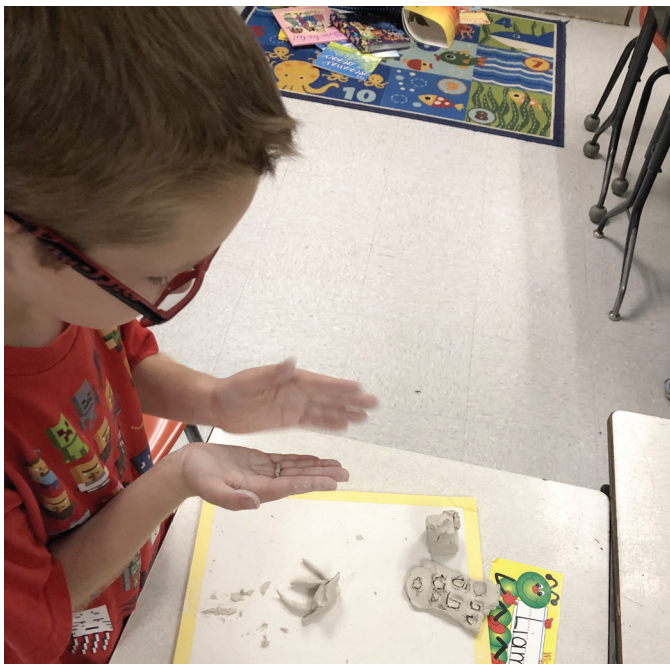


Eastport Elementary School students participated in recent Fire Prevention Week activities with members of the Eastport Fire Department, including fire safety education and tours of the department's ladder truck.



Grades 1 and 2 at visited the Eastport Senior Center on October 24th. The students sang a couple of songs and then enjoyed a snack and a visit with the senior citizens.





EES pilots arts integration project

For the 2018-2019 school year, EES has partnered with the Maine Alliance for Arts Education (MAAE) on a pilot project for schoolwide arts integration. EES teachers receive professional development and classroom support to implement the state's first classroom-teacher-based model of arts integration. The Maine Department of Education (MDOE) is using this project as a case study; a successful outcome will allow MDOE to present the program to other schools throughout Maine.

MAAE's Anna Wolfe recently came to EES to teach both teachers and students how to use art in science and social studies classes. Students learned to sculpt with clay as a method of solidifying learning. Among the projects the students undertook were sculpting pairs of items from historical and modern times, including candles/light bulbs and horses/cars.

XC team goes to States

The Shead cross-country team is becoming ever more competitive, and on Saturday, October 27th, they traveled to Belfast to compete in the State Cross Country Championship.

Coach Connie Knight reports that the conditions were cold and the 3.1 mile course was extremely muddy. For the Class C boys race, 114 runners from 29 class C and D schools competed. Shead sophomore Austin Ashby finished in 40th place with a time of 19:08.91. In the Class C girls race, 81 runners from 23 from class C and D schools competed. Freshman Ashlee Morang ran a personal best time for the season, finishing in 49th place with a time of 23:29.10. Coach Knight noted, "To post a personal best time with the course being so slippery was impressive. Ashlee just keeps getting faster."

Girls soccer team wins DAC

On Monday, October 22nd, the Shead girls competed in the Downeast Athletic Conference (DAC) Soccer Championship game against Sumner of Sullivan. The game was played at the University of Maine at Machias.

Sumner was leading 2-0 at the half, but Shead tied the game with goals from Jacquelyn Cook and Justine Cheney. After two five-minute overtimes, the teams went to penalty kicks, but the game remained tied at 3-3 and then 4-4. With one kicker remaining for the second round, Cassidee Lawrence made the last penalty kick and scored, giving Shead a 5-4 victory and the 2018 DAC Championship.



Shead High School calendar

December, 2018

- 5 11:30 am release for students
- 7 *Tigerettes/Tigers at Hodgdon, 5:30/7:00 pm*
EES Family Fun Night, 4:00-9:00 pm
- 10 Woodland at Tigerettes, 5:00/6:30 pm
- 11 Machias at Tigers, 5:00/6:30 pm
- 12 UMM on-the-spot admissions, by appointment
Machias at Tigerettes, 6:30 pm
- 13 1:30 pm release for students
- 14 *Tigers at Van Buren (in Danforth), 6:30 pm*
- 15 So.Aroostook at Tigerettes, 11:30 am/2:30 pm
So.Aroostook at Tigers, 1:00 pm
- 17 *Tigerettes at Narraguagus, 5:00/6:30 pm*
Christmas dinner at EES, 10:45 am
- 18 *Tigers at Jonesport-Beals, 5:00/6:30 pm*
- 19 School committee meeting, 6:00 pm
Jonesport-Beals at Tigerettes, 6:30 pm
- 20 Woodland at Tigers, 5:00/6:30 pm
- 21 11:30 am release—vacation begins
- 29 *Tigerettes at Fort Fairfield, 5:00/6:30 pm*

January, 2019

- 2 School resumes
- 4 *Tigerettes/Tigers at So.Aroostook, 4:00/5:30 pm*
- 5 Searsport at Tigerettes/Tigers, 1:00/2:30 pm
- 7 Narraguagus at Tigerettes, 5:00/6:30 pm
- 8 GHCA at Tigers, 5:00 pm
- 10 1:30 pm release for students
Tigers at Narraguagus, 5:00/6:30 pm
- 11 **Second quarter ends**
- 12 *Tigers/Tigerettes at Searsport, 1:00/2:30 pm*
- 14 *Tigerettes at Woodland, 5:00/6:30 pm*
- 15 Narraguagus at Tigers, 5:00/6:30 pm
- 17 1:30 pm release for students
Tigerettes at Jonesport-Beals, 6:30 pm
- 19 Fort Fairfield at Tigerettes, 2:00/3:30 pm
- 21 Martin Luther King Jr. holiday
- 22 Jonesport-Beals at Tigers, 5:00/6:30 pm
- 23 East Grand at Tigerettes, 6:30 pm
- 25 11:30 am release for students
- 26 Hodgdon at Tigers/Tigerettes, 2:00/3:30 pm
- 28 *Tigerettes at Machias, 6:00 pm*
- 29 *Tigers at Machias, 5:00/6:30 pm*
- 31 1:30 pm release for students



Girls DAC Soccer Champions, 2018

The View From the Hill is published by the Eastport School Department.

Thanks to Stephanie Allard, Don Dunbar, Connie Knight, Erin Mahar, Tom McLaughlin, and Paul Patterson for this issue's photos.

The Eastport Elementary School community liaison is Erin Mahar.
The Shead High School community liaison is Catherine Lee.