



2020-2021

Pelham High School

Principal-Dawn Mead

Asst. Principal-Adam Barriere

January 2021

#PelhamProud #together

YEARBOOK

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Science News

The Science Department has developed several partnerships providing students with authentic field research, and direct communication with scientists from Dartmouth College, University of New Hampshire, University of Maine and Mount Desert Island in Maine. Pelham High School is in the third year of a five-year Science Education Partnership Award (SEPA) grant program through Dartmouth College and the Mount Desert Island Biological Laboratory (MDI) titled “Data to Action.” Dr. Maria Flo Florencia, a professor at the University of New Hampshire, is the scientist who has partnered with the high school to assist directly with students. Dr. Florencia has met with students virtually discussing how the geology of New Hampshire causes the naturally occurring uranium, manganese, and arsenic make its way into well water. The SEPA project entails distributing vials for well water collection, water quality data analysis, interpretation of toxic metals, and community discussion. The well water samples were delivered to MDI Lab this September and then tested at Dartmouth with the results uploaded into a scientific data site, *Anecdata*, by MDI Lab. Homeowners received a letter if their water had any metal that was above EPA or state limits; they received recommendations to have the water tested a second time and to contact the Department of Environmental Services in Concord with any questions. To date 187 homes have had free well water testing for toxic metals.

The Science Department has also been partnering with Dartmouth College in a field based research through a “Toxic Metal Superfund” grant. Dr. Kate Buckman, a research scientist and a member of the “Dartmouth Toxic Metal Superfund Research Team,” virtually discussed with students the field techniques to use while collecting dragonfly larva and water samples. Dr. Buckman in non-COVID years has been at Pelham High School assisting students with their field collections.

Students who were remote were brought out virtually to the collection sites. The dragonfly larva was sent to Dartmouth and analyzed for the quantity of methylmercury in each sample. The high school has been collecting data for the “Toxic Metal Superfund” since 2016.

The University of Maine began requesting well water samples in 2019 from Pelham High School as part of an ongoing kidney disease and cancer research program. Dr. Nishad Jayasundara is using zebrafish to study the effect of toxic metals on the fish. Zebrafish are particularly sensitive to environmental factors and the University of Maine is studying the effects of many toxic metals on the fish. Lastly, Pelham High School has been asked to help with a current grant that is being written by Dr. Jane Disney of MDI labs. The grant if awarded, will offer students an additional field experience collecting soil samples in local farmlands.



News from the PHS Drama Club



At the beginning of the year we started our virtual weekly meetings to catch up with each other and start planning what our year would look like being totally virtual. We are learning to adapt to a virtual world and we got busy planning out our year.

On December 17th we had our first snow storm of the season which resulted in a snow day for PHS. Keeping true to an old fashioned snow day we challenged each other to share pictures of ourselves playing in the snow.



The snow storm gave us some excitement to lead us into our first project of the year. Some of the members had fun working on a virtual holiday card that was sent out to the facility & staff right before the holidays.



PHS Drama Club Holiday Card Message 2020.mp4

Double click on link to watch video

On New Year's Eve the members that were able to, met up for a night of virtual games which included guessing games and Draw2 (an online version of Pictionary).

Mrs. Krumlauf hosting Virtual Game Night.



The Drama Club is hard at work rehearsing their upcoming play, Ghost House. Watch for news of the release of ticket sales and show dates. This will be a virtual play. You will be able to purchase tickets and watch the play from the comforts of your own home.



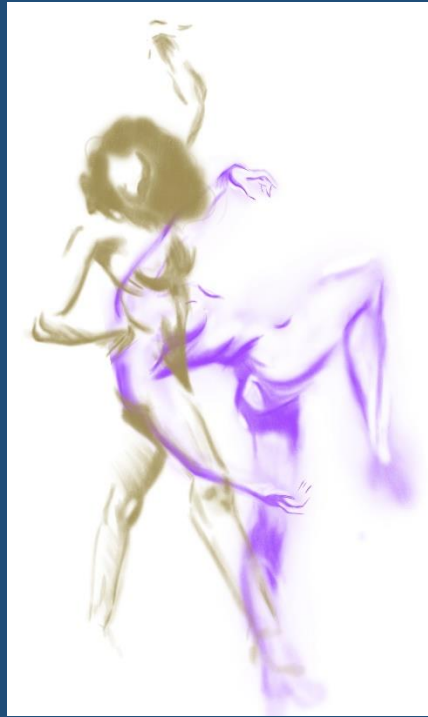
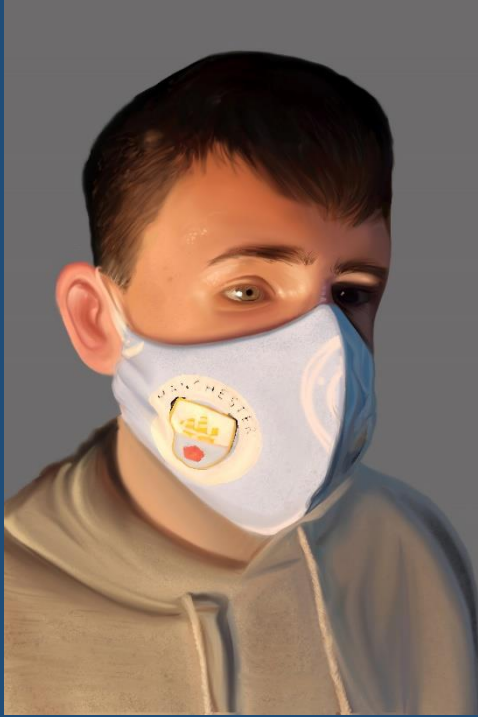
News From The Art Department

The 2021 Scholastic Art and Writing Awards results are in! This year PHS students received more awards than any other school, of any size, in the state of New Hampshire! Despite the challenges brought on by the pandemic, our students have continued to succeed, grow, and impress us with their dedicated and passionate commitment to the visual arts. This year we had winnings consisting of 79 individual awards and 4 portfolio awards. Our portfolio winners this year are Reka Ivanyi, Tristan Archer, and two portfolios from ByungHun Lee! These awards range from drawing and illustration, digital art, photography, drawing, painting, and ceramics. We are so incredibly proud of these students!

-Ms. Kudalis, Mr. Locke, Mr. Jones, & Ms. Rooney

See below for examples of the winning artwork!





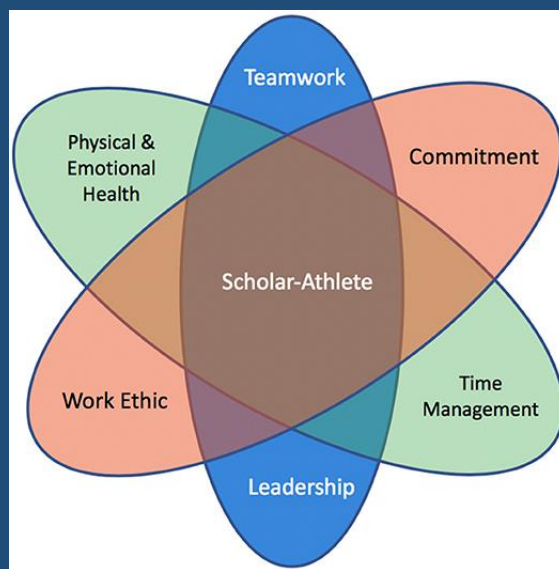
PELHAM HIGH PYTHONS ATHLETICS REPORT

In March the NHIAA will be honoring Senior Scholar/Athletes from around the state.

Normally this is done in Concord at a very nice ceremony with all D2 schools and their honorees. This year it most likely will be a remote event, but we will hold out hope that it can be done live. The date is March 30th.

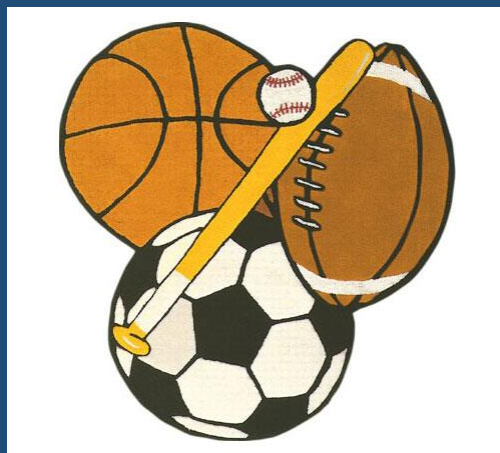
This year Pelham High has 22 Senior Python Athletes that met the criteria for this honor, having at least a 3.33 overall GPA and also playing at least two varsity sports in their senior year. Here is a list of the award winners from the Class of 2021:

Ryan Bellahrossi, Tallie Carney, Jackelyn Cawthron, Maria Dagher, Gwen Dahlinger, Chris Davis, Maddie DiDomenico, Sarah Giniewicz, Kylie Harrington, Jake Herrling, Paige Hurst, Meadow Lindsay, Megan Molettieri, Dylan Nutter, Sydney Nutter, Kenneth Pawlowicz, Meghan Pendergast, Madison Robito, Patrick Soonthornprapuet, Nathan Sprague, Colby Walsh, Kevin Williams.



Pelham High has many of its senior student-athletes heading off to college next year and continuing with their athletic endeavors. Here is a list of our current committed Python Athletes so far. Seniors, remember to let me know when you make your decisions so I can add you to this growing list. I am very proud of all of you.

- Conor Maslanek: Wrestling at D1 Campbell University**
- Gwen Dahlinger: Track and Field at D1 UNH**
- Jordyn Galgay: Lacrosse at D2 American International College**
- Madi Robito: Field Hockey at D3 University of New England**
- Maria Dagher: Volleyball at D3 Rivier University**
- Sarah Giniewicz: Lacrosse at D3 Plymouth State University**
- Alex Pedi: Baseball at D3 Southern Maine University**
- Maddie Curran: Soccer at D3 Rivier University**



Pelham High Winter Sports continues to roll right along. Coaches and athletes are doing a great job following the necessary guidelines that have been created to ensure the safety of our Pythons as much as possible.

Senior wrestler Conor Maslanek broke the school record for career wins with his 140th win on January 16 vs Campbell. Conor is the 3 time reigning State Champ and was runner up at New England's last year. I don't believe he has been beat in NH in almost two years.



- Our Boys and Girls Basketball teams are both undefeated, currently both at 3-0. Both teams look to improve all season and then enter a D2 open tournament in March.
- Our Gymnastics Team is also undefeated so far as they look to take the next step from their state runner up finish last year to Pinkerton. As I have said before this team has to compete with all the big schools in NH, as they only have one division. It is remarkable how well they are doing again. Sophomore Abby Druding, reigning State All-Around champion, was just featured in a nice article in the Eagle Tribune.

Here is the link for the article:

https://www.eagletribune.com/sports/local_sports/one-last-round/article_ba2d8677-a8f8-51d3-814d-70be6bdd55bd.html

- Our PHS Swim Team hosted a three team meet on January 15th and did a great job not only competing but running the event. We have 14 swimmers this season, which is a dramatic improvement over last season. Keep up the good work swimmers.
- Our Winter Cheer Team continues to prep for upcoming competitions, and supports the Boys Basketball Team by cheering at home games.
- Our Hockey Team is finally back on the ice after a long break due to Nashua putting a "pause" on their sports. The South/Pelham Kings will open their abbreviated season on January 30th at 2:10pm at Conway Arena.
- Finally, our Indoor Track Team will not compete this winter due to having no venues available, but continue to work out three times a week while keeping their hopes alive for a full spring season. Fingers crossed everyone.