



Purple & Gold

November 2021

UDHS REPRESENTS AT SPECIAL OLYMPICS



On Wednesday, October 27, several students from Upper Darby High School, along with Autistic Support teacher Ms. McDaniel, and Life Skills Support teacher Ms. Goerlach, attended the Youth Summit at Haverford High School, to represent our Unified Bocce Team. Rahshad Brooks, Richard Dalton, and Cierra Hudnut participated in group activities designed to help them foster strong leadership skills that they will utilize during the upcoming Unified Bocce season. Rahshad, Richard, and Cierra had a great time working as a team to brainstorm fundraisers that they are super excited to bring back to their teammates. Look out for Unified Bocce games and other ways to support our Special Olympic athletes and partners.

Our Unified Bocce season will begin around the end of November. If you know a student who is interested, have them contact Ms. McDaniel (kmcdaniel@upperdarbysd.org) or Ms. Goerlach (tgoerlach@upperdarbysd.org). Or consider supporting a Special Olympic fundraiser, such as the upcoming January Polar Plunge. <https://give.specialolympicspa.org/team/390259>.

LIBRARY REOPENS WITH NEW HOURS

There may not have been a big ceremony, but the Teresa F. Furey Memorial Library is back open for business. This cozy space is great for meetings with students, and for quiet study sessions, and boasts more than 10,000 books. There's also an archive of portraits of board directors and



superintendents from days gone by, and every yearbook printed from the school's inception in 1896. The library also has expanded its hours to 4PM so students needing some extra time for research have the opportunity to take advantage of the library's offerings.

PS--Did you know that the library was originally called the Elisabeth D. Turner Library, named after the school's first (and, in 1896, only) teacher?

REVVING UP OUR TECHNOLOGY PROGRAM

Our Technology program has acquired some cutting-edge machinery that is making our woodshop classrooms very exciting places to be. "We recently got a Glowforge laser engraver that can use a high-powered laser to engrave wood glass and metal," says Technology Education Department Chair Mike Newman. "We also just got a small engines dyno [dynamometer] that can measure the performance of engines up to 100 horsepower. It also measures RPM, torque, and horsepower. We are excited because we are unaware of any comprehensive high school that has the ability for students to measure this."

Ms. Simone, he adds, “Has been very supportive of our push for these machines,” which are giving students new opportunities to learn and grow.



Photo 1: This dyno engine came with several attachments. Students can try different configurations that allow them to see how the changes affect performance

Photo 2: A beautiful piece made by the new laser printer, and given to Kelley Simone

Photo 3: A state of the art laser printer that quickly produces intricate pieces

SOPHOMORE WINS IN DEBATE COMPETITION



Congratulations to Upper Darby Sophomore Michael Tully for his award-winning presentation at the World Affairs Council's October (Virtual) Debate Program. Tully won with the "Twenty Years Later: The United States' Obligation to Democracy in Afghanistan and Around the World." The debate program focuses on topics of global relevance, and encourages students to collaborate, prepare opening statements. Students debate topics from an assigned perspective.

Upper Darby High School students Ahmed Fuad, Nicholas Fattizzo, and Rayan Hansali also participated in the event. Their team- Team Affirmative- won the debate. Congratulations to all who participated.

MARCHING ROYALS HONORED IN CAPITAL

On Tuesday, November 9th, the Marching Royals were recognized on the Pennsylvania State House floor in Harrisburg for their championship win on Saturday, October 23rd. Nominated by Representative Mike Zabel, the Marching Royals traveled to the state capitol, enjoyed exclusive tours of the House, Senate, and Supreme Court floors, and received a citation for their achievements this year.



SENIORS TRIUMPH IN POWDER PUFF GAME 8-6

November's annual Powder Puff game was a huge success. Says Ms. Simone, "It was the first time [in a long time] that it felt like a regular high school event, with a ton of school pride and smiles." The game was organized by 12th-grade administrator Mr. Hensil, 11th-grade administrator Mr. Benditt, 12th-Grade Activities Director Alicia Sakers, and 11th-Grade Activities Director Michelle Pickett. The teams were coached by Jeff Adams, Jake Adams, Billy Haines, Tom Carey, and Mke DePrince.



CLASS GIVES STUDENTS A DAY IN COURT



A program that Principal Kelley Simone says is “an alternative to punitive and zero-tolerance school discipline policies,” called Youth Court, continues this year. It allows students with disciplinary issues to defend themselves in front of a jury of their peers. Run by Social Studies Teacher Ryan Colley, all of the students have distinct roles: bailiffs who escort students, a respondent (aka defendant), an advocate (defense attorney), an analyst, a clerk, and of course a jury. Students who come to the attention of the

court (via administration) receive a summons, and need to explain their actions to the jury, who then “rule” for or against the student. Instead of getting suspended, students are given “restorative” consequences such as community service. Students in Youth Court take their jobs very seriously, and learn about the U.S. Court system as well as getting to know their classmates and to develop empathy.



The jury gives their decisions.

THE NUTCRACKER RETURNS TO UDHS

The Narberth-based Pennsylvania Academy of Ballet Society returns to Upper Darby's Performing Arts Center for five shows to be held the weekend before Thanksgiving. The classic tale of a nutcracker that comes to life on Christmas Eve will be performed the following dates and times:

Friday, November 19 at 7PM

Saturday, November 20 at 11AM and 3PM

Sunday, November 21 at 1:30PM and 5:30PM

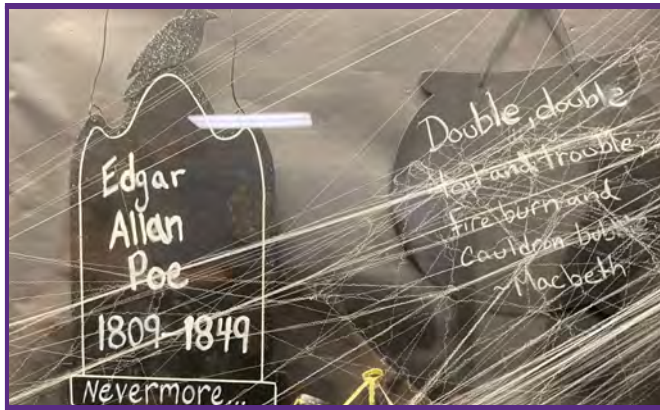
This production is very family friendly, running at 90 minutes, and is recommended for children age 4 and above. Nutcracker-inspired gift ideas will be featured in the decorated lobby, and the cast will be available for pictures after the Saturday shows. The cost for tickets range from \$10-23, and are available for purchase at www.upperdarbysd.org, or by calling 610-622-1189.



SPOTLIGHT...ENGLISH DEPARTMENT DISPLAY



Stroll down the first floor just before you get to B Wing, and you will see some amazing monthly displays with incredible detail and artistry. These are the works of Mrs. Kelsey Bierling, who creates these elaborate works of art. The theme for October was, of course, Halloween, and no detail was spared,



MATH TEAM GROWS WINS EXPONENTIALLY

Upper Darby's Math has won competitions three times since their season began on October 15. On the 15th, they beat Kent Place School, a private school in Summit, NJ, with a final score of Royals 24, Kent Place Dragons 21. The big scorers were Abhijit Das and Stanley Gian, who correctly answered 7 out of the 8 problems.

Their next win came on November 6, with a defeat of the Cerritos High School Math Team with a score of 22-7. This game's high scorer was Sebastian Mostek, getting 7 out of 8 problems correct.

The latest win to date was on November 13, when the Royals won their first match in the single elimination Math Madness Bracket, defeating the Randolph HS Rams. Both teams scored 16 points, but Royals scored their points first, making them the winners. The high scorer for this game James Pagan

Can you solve these problems (which were featured at the November 13 competition)?

Anne has 30 coins consisting of some nickels and the rest dimes. Bob also has 30 coins and his collection also consists of some nickels and the rest dimes. Together they have a total of 30 nickels. If Anne's collection is worth 50% more than Bob's, how many nickels does she have?

A water and salt solution is 90% water. Which of the following equations must be solved to find how many kilograms x of water must be evaporated from 100 kg of this solution to create a solution which is 80% water?

- (A) $(0.2)(90 - x + 10) = 10$
- (B) $(0.2)(90 - x) = 10$
- (C) $(0.8)(90 - x + 10) = 10$
- (D) $(0.9)(80 - x + 10) = 10$
- (E) $(0.2)(100 - x + 10) = 90$

Let $y = f(x)$ be a linear function passing through the origin. If the distance between $(1, f(1))$ and $(f(1), 1)$ is $4\sqrt{2}$, what is the largest possible slope of $y = f(x)$?

Have a story idea? Please email dzoccola@upperdarby.org.

