

Teacher Report

General Info:

- [CHSTA Teachers Report](#) (click for details on bargaining)

Department/Class News

- **Choir & Band:** There are choir and band concerts this week. Choir and jazz band are tomorrow night (the 23rd) in the cafeteria at 7pm. Concert, symphonic, and wind ensemble concert is the following night.
- **Biology:** (1) students will be starting their biotechnology unit in a week. Students get to use Micropipettes, perform Gel Electrophoresis, and complete a Transformation lab where they transform E. Coli to express a green fluorescent protein from jellyfish. Pictures to follow! (2) Students also continue to make monthly observations of a tree on campus for their Phenology wheels. They collect the same set of data monthly to add to their phenology wheel to observe how the trees change over time. Each unit test, they are asked to explain how their phenology observation relates to the current unit of study. New Problem: With all the gates on campus locked all day, it's hard to access any of the trees outside of the gates. Sorry to the front office for mass movement of students through the office to get outside the gates! :)
- **Physics:** the 7th annual Pumpkin chunkin trebuchet contest in physics is on Friday, Dec. 7 starting at 2:30 on front lawns. Physics students collaborate across the different levels of 1st year physics to build a trebuchet to launch pumpkins. Team that has the farthest launch wins. School 3 year record stands at 212.5 ft.
- **Project Lead The Way:**
 - 1) Tech Challenge 2019: Thank you Home&School Club for the grant. Leigh signed up 5 teams for the challenge. This year we have two all-girl teams.
 - 2) Cardboard Chairs: Intro to Engineering students completed their challenging projects of designing and building chairs from recycled cardboard. Their beautiful and solid chairs will be displayed for H&S Club to enjoy on Monday.
 - 3) Flex Factor: The Board of Trustees recognized the winners of the FlexFactor program from Leigh PLTW senior class. This program is a work-based learning opportunity where students work in teams to come up with a concept for a device that would improve human health. They then pitch the idea in a shark-tank style fashion to a group of experienced industry leaders, CUHSD Board members, Leigh parents, and admin staff.
 - 4) PLTW Luncheon: All 300 students in all PLTW courses will get together to enjoy people of the same interest and passion for innovations in a mixer on Thu, Nov 29. The luncheon will be prepared and served by Foods 2 class as a catering project for the class with PLTW as the client. PLTW and Foods are now in the same Career Technical Education (CTE) department.

Activities/Clubs

- **Bring Change to Mind:** Working on a mental health activity that will include the whole school. Pictures will be shared next meeting.
- **Twelfth Night:** opens this Friday with a special gala dinner and show package being offered on Dec. 8. Tickets can be purchased at Leightheaterarts.com
- **Camp Everytown:** Camp Everytown has increased our efforts to be visible here at Leigh High School through the creation of this site: https://sites.google.com/a/cuhsd.org/lhs_campeverytown/home - Which can be found under "clubs" on the Leigh Website!
- **Game Club** - Game Club successfully held its 12th annual Fall Canned Food Drive on November 16th.

