
Saints' Happenings

Principal's Newsletter

August/September 2019



Freshman
Orientation



Girls Golf
and Boys
Golf



Girls Volleyball



Saints' Happenings

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National Merit Semifinalists -
Jazalyn Belz, Ayumu Seiya, Sean Yetter



National Merit Commended -



Orchestra
lesson

Saints' Happenings

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Cross
Country



FCA
Meeting

Saints' Happenings

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Homecoming Dance (above), window painting and small games (below)



Saints' Happenings

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Orange & Black Competition
Winners: Tyler Johnson,
Madison Solomon, Julie Sarno



Juniors vs. Seniors
Small Games Assembly



Marching Band at the Parade



Seniors win the Spirit Stick!

Office of the Principal



The 2019-2020 school year is off to an amazing start! We opened our doors up a week earlier than in previous years, welcoming the Class of 2023 and their families to STCE during Freshman Orientation. We had a chance to showcase all the amazing opportunities students have at East, both inside and outside of the classroom, as well as introduce them to the SAINTS Way. We strongly encourage participation in everything East has to offer, whether it be in clubs/activities, sports, or in our performing arts areas. It is part of a well-rounded high school experience. If you have not gotten involved yet, find an existing opportunity or create a new one!

Despite the shortened summer, we were able to complete the renovation of our gymnasium with the help of D303 and our Athletic Boosters. This includes new paint, floors, scoreboards, door and window wrapping, concrete work, and bleachers that will increase access for all our students and guests! Still ongoing are improvements to the gym lobby, including paint, repairs to plaques, and a touch screen that will showcase our All-State athletes and provide information about the history of STCE!

We had a great Homecoming Week filled with spirit and excitement! The Senior Class took home the Spirit Stick after the week's volleyball and small games competitions, and our students showcased their Saints Pride at the parade on Main St. Our athletic teams are all off to great starts, and our students have conducted themselves wonderfully while cheering on their peers at events. I am so proud of this student body and the way they are modeling the Saints Way!

We have a lot to celebrate! We have three National Merit Semifinalists - Jazalyn Belz, Ayumu Seiya, and Sean Yetter, and twelve National Merit Commended - Andrea Brink, Thomas Distworth, Allison Haab, Hannah Harris, Grace Jackson, Tyler Johnson, John Massa, Joshua Nelson, Henry Pierce, Isabel Prath, Allen Steinberg, and Kaitlin Wixted. Four STCE students - Benjamin Hommowun, Tommy Edgar, Chloe Fanning (graduate), and Benjamin Stolze were selected to participate at the Birch Creek Music Performance Center (see [Daily Herald](#) article). According to [Niche](#), St. Charles East retained top rankings among public schools in Kane County as well!

Many of us have been hearing about the increasing awareness surrounding the dangers of vaping. The FDA has been working on [awareness campaigns](#) (as well as the [Illinois Department of Public Health](#)) related to vaping after recent vaping-related illness and death. Please be aware of what many are calling an epidemic among our youth. Students caught vaping or in the possession of vaping products are subject to a tobacco violation at STCE, and it is a violation of the Student Code of Conduct for athletics and activities.

Safety and security continues to be emphasized at East. We appreciate all the cooperation and understanding with our new check-in procedures we enacted last year. An important element to our building's safety and security is knowing who is in our building and being able to quickly identify those who are not supposed to be. It is extremely important that students wear their school ID's at all times, and we are committed to ensuring this is part of our normal practice at East. Additionally, being able to identify students enables us to act more quickly and appropriately in the event a student has a medical need/emergency.

Office of the Principal



Events to be on the lookout for:

On October 16, Freshman will take the PSAT 8/9, and Sophomores and Juniors will take the National Merit Scholarship Qualifying Test (NMSQT, which is part of the SAT suite of assessments). These assessments are extremely important as we use them to identify opportunities to support students to reach college and career readiness benchmarks. Our [College and Career Readiness Website](#) has links to more information about the SAT test, college entrance considerations, and resources/tools for support. One such resource is the [SAT Daily Practice App](#), which provides students with individualized practice questions and is a great way to get started preparing for the SAT, even during Freshman year. Seniors will have a non-attendance day and are encouraged to make college visits, complete college applications or essays, or participate in a job shadow on this day. More specific information about the testing schedule will follow.

On October 4, STCE will be hosting the [Kick-A-Thon](#) during our home football game. This great event is a joint effort between St. Charles East and North high schools, and is coordinated by the Dance teams at each school to [raise funds](#) for cancer. Please come and support our students and kickers at the event!

Our fall play, *The Glass Menagerie*, will occur October 11 (7:00 p.m.), 12 (2:00 p.m and 7:00 p.m.) and 13 (2:00 p.m.) in the Norris Cultural Arts Center. Come support our students both on- and off-stage as they deliver amazing performances that parallel what you would see in Chicago theaters!

Additionally, in October, look for information about Parent-Student-Teacher Conferences.

Although it is early, I want to remind families that graduation this year will be held on Thursday, May 21 at 4:00 p.m. at NIU's Convocation Center. More detailed information can be found on the [CCR Website](#) under [Graduation Information](#).

Stay connected to all things STCE by subscribing to the [O&B Bulletin](#), following us on Twitter at our handle [@StCharlesEast](#) and on [Facebook](#), and reviewing our [daily announcements](#). All this information and much more can be found through our [East website](#).

Thank you for your continued partnership and support!

Jim Richter
Principal
(331) 228-5704
James.Richter@d303.org
[Let's Talk](#)



Save the Date!

St. Charles East High School

Class of 2020

Commencement Ceremony

Thursday, May 21, 2020

4:00 p.m.



Northern Illinois University
1525 W. Lincoln Highway
Dekalb, IL

Instructional Programs



Accessing Grades on HAC

The best way to access your child's grade is to click on CLASSES and the FULL VIEW button at the top right corner of the classwork pane. Under each class on the right side will be an option to SHOW ALL AVERAGES. Clicking that button will bring a pop-up that will display the student's overall grade. Some classes use grade categories that report information about student progress but may not impact the grade. Following these steps will ensure the grade you are seeing is the grade your child has in the class. Please refer to the accompanying screen shots as a guide.

The screenshot shows the HAC interface. At the top, there are icons for Home, Attendance, Classes, Grades, and Registration. The 'Classes' icon is highlighted with a downward arrow. Below this, the 'Classwork' pane is visible, with a 'Full View' button highlighted by a downward arrow. The 'Full View' button is located at the top right of the classwork pane. Below the classwork pane, there is a table showing student progress. The table has columns for Category, Student's Points, Maximum Points, Percent, Category Weight, and Category Points. The table shows data for 'Assessment' and 'Total Points'. At the bottom right of the table, there is a 'Show All Averages' button highlighted by a downward arrow.

Category	Student's Points	Maximum Points	Percent	Category Weight	Category Points
Assessment	22.00	25.00	88.00%	68.00	59.84000
Total Points:				68.00	59.84000

The [district website](#) has information about HAC under the FOR PARENTS section of the home page. If you have any questions about your child's assignments or grades, please contact their teacher. If you have any questions about your account or login, please contact Julie Olney at julie.olney@d303.org or (331) 228-5675.

Parent-Student-Teacher Conferences

Parent-Student-Teacher Conference scheduling will take place soon. Please look for more information on how to use Pick-A-Time to schedule conferences with your child's teachers.

2020-2021 Course Selection

The course selection process for the 2020-2021 school year will begin in December. More detailed information about how to sign up for courses will follow in late November.

Progress and Report Cards

Progress reports and report cards are no longer printed and mailed home. Please use Home Access Center to view and print progress reports and report cards. Requests for paper copies can be made if you are unable to access HAC. If you have any questions about your account or login, please contact Julie Olney at julie.olney@d303.org or (331) 228-5675.

Attendance



Reporting Student Absences at East

Accurate student attendance is important at St. Charles East! Research shows that there is a direct relationship between regular attendance, punctuality, and school success. Regular school attendance includes arriving to school on time and attending all classes throughout the day. There is no substitute for actual classroom instruction. We notice when your child is not in attendance.

If your child is going to be absent or late, his/her parent or guardian must call the Attendance Office as soon as possible. The Attendance Office number is 331-228-4100. Voice mail is available 24/7. Please leave a detailed message with the date of absence, the child's name, their Id number, and the reason for absence.

We care about attendance. We track attendance. We would like to help resolve any problems that may cause your child to miss school. If your child misses four or more days in the first eight weeks of the school year, a letter will be sent home. The State of Illinois considers the threshold of excessive absence reached when a child misses more than 5% of the total school year (9 school days total – all year).

Thank you in advance for partnering with us to make 2019-20 the best attended school year in East's history!

Attendance facts from the start of 2019-20

- 112 students missed 4 or more full days of school from 8/14/19 - 9/11/19
- 383 students had PERFECT attendance from 8/14/19 - 9/11/19

A graphic with a teal background and a dark blue diagonal stripe. It features the text "SEPTEMBER IS ATTENDANCE AWARENESS MONTH" in white, with "ATTENDANCE AWARENESS MONTH" in a larger, bold font. Below it is the hashtag "#SchoolEveryDay" in a smaller white font.

SEPTEMBER IS
**ATTENDANCE
AWARENESS MONTH**
#SchoolEveryDay

Foreign Language

German National Honor Society, French National Honor Society, Spanish National Honor Society and Latin Club helped to decorate the downtown by painting windows during Homecoming Week.



Foreign Language



AP Spanish Lang classes celebrated Mexican Independence Day on Monday, September 16th. Students brought in authentic Mexican food and drink to partake in the celebration while watching real-time news coverage of the event in Mexico as well as locally. The event culminated with an AP Presentational Speaking practice of a recorded cultural comparison between the 4th of July celebrated in the United States with the 16th of September celebrated in Mexico.



Fine Arts



Music

Four East Orchestra students, Lasey Emmerich, Storey Childs, Trudie Childs, and Ayu Seiya, performed as special guests with the traveling production of “Beatles vs. Stones — A Musical Showdown” at the Hemmens in Elgin on September 23. The quartet performed alongside Beatles tribute Band *Abbey Road* Rolling Stones tribute band *Satisfaction*.



The Marching Saints have already performed multiple times, marching pregame and halftime shows, as well as providing music in the stands, for our first three home football games. They have also marched in the Homecoming parade and provided music for the Homecoming assemblies. Please look for the band at the remaining two football games and at their annual Marching Band Concert which will take place on October 8th in the Main Gym at 7:30 PM.

The Fine Arts Department is excited to welcome Monica Bertrand to the Music Staff at St. Charles East High School, teaching Choir and Vocal Jazz. Miss Bertrand is a graduate of St. Charles East and comes to us after teaching for several years at Plainfield North High School.

Drama

Our drama students are hard at work on their fall production of Tennessee Williams’ play “*The Glass Menagerie*.” Please come support our talented cast and crew! Performances are in the Norris Cultural Arts Center on October 11th at 7:00 PM, October 12th at 2:00 PM and 7:00 PM, and October 13th at 2:00 PM. Tickets are \$7 for adults, \$5 for students and free for seniors. They are available at <https://store.d303.org>.

Math



We're here to help!

The Math Department has welcomed Mrs. Wendy Xu, Mrs. Barb Beyer and Ms. Carson Peterson this year. The Math Teachers are available for extra help outside of class if needed. Students should talk to their math teacher to set up a time for help. Help is also available during periods 4 - 7 in the Math Resource Room, just get a pass from your math teacher. And, the Math Honor Society students offer peer tutoring in the LRC after school on Wednesdays and Thursdays.



Math Team

The math team practices in B126 after school on Mondays. Stop by to check out this social, problem-solving team. Be there or be a regular quadrilateral!

Social Studies



Interested in a once-in-a-lifetime trip?

In Social Studies, our new curriculum emphasizes the ability to take informed civic action - to not only think about issues in an informed way, but to seek opportunities to participate in our civic culture as a citizen.

To this end, social studies teacher Andy Ehrhardt has been working with an educational travel company to offer a trip to the January 2021 inauguration of our next President.



The proposed itinerary is for students to visit several cultural sites in New York City before the inauguration, then travel to DC to take in the sites before attending the inauguration. The dates are **January 16th - January 22nd, 2021**. Information will start to come out to our current Juniors, then Sophomore and Freshman.

Mr. Ehrhardt will be hosting an informational meeting on

Wednesday, October 9th at 6:30 p.m. in the Little Theatre



Besides this trip, the East High School Social Studies department will be offering other opportunities to become informed on the issues, register to vote, and learn other ways to get involved in our political process.

Wellness



The Wellness Department is off to a “new” start this year! New courses to our area include:

Intro to the Healthcare Field
Advanced Healthcare Concepts
Individual Sports

Strength Training-Blended Learning Format

Special thanks to Fox Valley Volkswagen and GMC for the Driver's Ed range cars!

Intro to the Healthcare Field and Advanced Healthcare Concepts are both re-designed courses that stress the development of post secondary job skills specific to the Healthcare field while also exposing students to the real life Healthcare Professionals they want to become!



Individual sports is a class that juniors and Seniors can opt to take for their Physical Education Credit. Fitness is emphasized through sports like golf, tennis, bowling, and meant to “fit” the students personal fitness goals.



Strength and Conditioning-Blended learning format was developed to meet the needs of our students who enjoy working while allowing them to tailor the times, spaces, and frequency in which would suit them best. Students have the freedom to attend “work outs” during the structured school hours or develop a workout schedule that would best fit them.



Career & Technical Education

Business Education

Virtual Enterprise Students Interview for Positions

Virtual Enterprises International (VEI) is our capstone business course. It is an international curriculum in which the students start and run a virtual online business and interact with over 500 other student-run businesses in the VEI network

On September 13, VEI students interviewed for positions within their companies. Interviewers from our school, the district, and the community were all impressed by the professionalism, poise, and knowledge our students displayed. Congratulations VEI students and thank you interviewers.

At this point, student employees are finalizing the product lines, writing the business plan, and preparing for the Tennessee Trade Show.



Career & Technical Education

Business Education

incubator[®]edu.

BY UNCHARTED LEARNING

INCubator Student Entrepreneurs Off to a Great Start!

In INCubator, students experience first-hand what it takes to create, develop, and fund a business idea. Students partner with community leaders who help mentor and coach them through the entrepreneurial process leading up to a "Shark Tank" formal presentation to potential



investors, where student teams can earn funding to move their business idea into reality. INCubator is a year long elective available to students grades 10, 11, & 12.

Mentors and Coaches Needed!

Do you have a desire to be part of our INCubator team?

We are looking for people to fill both our coaches and mentor roles for this year!

Coach-Teaches lessons in class based on knowledge specialty (marketing, finance, ideation, etc...). Works with teacher to determine outcomes for lessons. Commitment is anywhere from 1-3 days for the year.

Mentor-Works with one student team for the year. Helps team stay on course by providing support. Meets weekly with team (may be in person or electronically at times, i.e. Zoom or Google Hangouts). Commitment is for the year.

For more information on how you can be a part of INCubator, contact Mr. Keith Glavan (keith.glavan@d303.org) or Ms. Shannon Stone (shannon.stone@d303.org). Please join us!

Career & Technical Education

Business Education

incubatoredu.

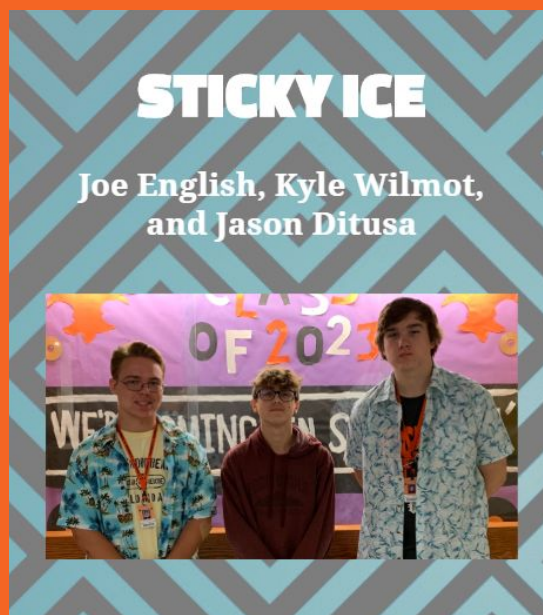
BY UNCHARTED LEARNING

Here are a few of our current entrepreneurs and the problems they want to solve!



Ryne Strachan, Colin Roche and Jack Lawson

- What Bugs Us?
 - How we might find a way to make a stress free, organized and clean fishing experience?
- Possible Solutions
 - Tackle Box with compartment for organization, cleaning wipes, tools to fix birdsnest.
 - Device that makes putting bait on hook more efficient
 - Clasp to put on knots to prevent from breaking



Joe English, Kyle Wilmot, and Jason Ditusa

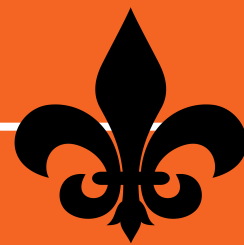
What BUGS Us?

- **How might we** find a way to insure ice packs stay on the affected area, or shock cremes stay at the perfect temperature and spot.

Possible solutions?

- Sticky Band Aid
- Cold Shock Patch
- Machine that simulates ice sensation

Career & Technical Education



Business Education

THE MATTRESS SALE IS BACK BY POPULAR DEMAND!

3RD ANNUAL
ST. CHARLES EAST
BUSINESS
MATTRESS
FUNDRAISER

BIG SAVINGS
FINANCING AVAILABLE

Beautyrest.

Adjustable Base Luxury Pillows Mattress Protector

SAT. OCT 26
10AM - 5PM
@STCHARLESEASTHS

BENEFITS THE BUSINESS DEPARTMENT!

SAVE THE DATE!

© COPYRIGHT 2019 CUSTOM FUNDRAISING SOLUTIONS

chris.sedlak@cfsbeds.com

For more info: bit.ly/beds4sceast
#beds4sceast

On **Saturday, October 26**, St. Charles East will hold its 3rd annual mattress sale fundraiser. This year's event will raise funds for DECA, SkillsUSA, VEI, and INCubatoredu. Last year we raised over \$2000 for these classes and clubs. We look forward to another successful year.

Check out this Youtube video to see how it works:

https://www.youtube.com/watch?v=uQ4NpXCl_iU

There will be over 20 beds on display for customers to try. The beds are new, brand name, made to order, available in all sizes, and cost less than retail stores. In addition to beds, there will also be pillows, mattress protectors, sheets, and adjustable power bases!

Career & Technical Education

Business Education

SkillsUSA Prepares Students for Success



SkillsUSA is a club that helps students prepare for leadership in the world or work. Students create resumes, practice interviewing skills, and compete in a variety of specific technical competitions and/or general workplace skills competitions.

Our first big event is the **LEAD Fall Leadership Conference** that will take place November 7-9 in Lisle, IL. At this event, students will participate in leadership and team building activities, learn about the SkillsUSA organization, and practice a mock job interview. **There are still spots available! The price is only \$100 which includes transportation, hotel, and some meals.**

Please contact **Mr. Keith Glavan**, keith.glavan@d303.org or Ms. Liz Savickas for more information about SkillsUSA.



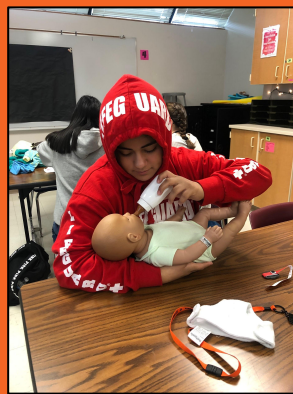
Career & Technical Education

Family & Consumer Sciences



Child Development: The Early Years

Students have been preparing for their weekend experience with Real Care Baby. Students will be the primary caregiver for Baby for 46 hours where they will have to feed, burp, rock and diaper Baby. We're excited and nervous for this opportunity as we will be putting our emotional maturity to the test!



Culinary Practices in Entrepreneurship:

CPE students have been busy mastering the skills necessary to open The Getaway for the year. Several days of skills training has taken place in the different stations of an industrial kitchen. This year students have also had the pleasure of learning from Katie Sudler of FONA International about how to enhance flavors in dishes, as well as how to make our dishes more aesthetically pleasing. We are so excited for the new changes coming to The Getaway for the year! Be on the lookout for our Grand Opening!



Career & Technical Education

Family & Consumer Sciences



INTERIOR DESIGN I

It has been a busy start of the school year in the design lab! Interior Design students have demonstrated teamwork, communication, and problem solving skills to help create a positive and inclusive classroom environment. One of our hands-on learning experiences included getting a container of pringles and being challenged to create a freestanding circle. Students were eager to put on their engineer 'hat' and turn the vision into reality. From there Student designers have continued to learn skills that will help them both in class but also in other areas of life. Recently, we completed the foundational knowledge in color theory and the Elements and Principles of Design.

Up next - the infamous 3D Elevation Project! Keep your eyes peeled for these creative and unique projects in the next edition of the PNL!



FCCLA

FCCLA members started they year off strong with a record amount of new members. FCCLA members spent their Labor Day decorating windows downtown for Homecoming. In the next few weeks members will be deciding what event they will be competing in to represent East at Sectionals in January.



Career & Technical Education

Family & Consumer Sciences



Fashion Design I

Students in Fashion Design have been working hard on starting their Fashion Portfolio. We have been developing who we are as a brand, reflecting on our personal style, and learning about the principles and elements of design. We have also been hard at work in the design lab. After learning how to use a sewing machine, students successfully created their own headbands. Next up: Scrunchies!



Hospitality 101

For the first time, our Hospitality class is being offered to students as a Dual-Credit opportunity. Students in this class will receive 3 college credit hours through Elgin Community College! So far in this course, students have been studying the ins and outs of the tourism industry, including travel, lodging, and cruising. Students have also been building on their culinary skills as we approach our food and beverage unit. Most recently our students have prepared Apple Galettes and had a Dip Competition! Principal Richter stopped by to vote - check out the winning recipe to the left!

Carissa's Apple Dip

Ingredients:

8 oz. cream cheese, softened
½ cup brown sugar
¼ cup white sugar
1 t. vanilla extract
10 oz. Heath toffee bits

Directions:

- Beat cream cheese, sugars, and vanilla
- Stir in toffee bits
- Enjoy with apples!

Career & Technical Education

Technology Education



Residential Maintenance

Res Maintenance students have been busy putting their measurement and hand tool skills to use building an all hand-tool tool box. With dedicated space for wrenches and pliers, screw drivers, hammers, saws and more.



Project Lead the Way : Introduction to Engineering Design

IED students are following the lead of young Caine and creating their own midway/carnival/arcade games nearly exclusively out of cardboard and Ingenuity. Come October 4th we will be taking over the East LRC 1-3rd period to share our projects and the fun!!!.



Career & Technical Education

Technology Education



Woods

Stay tuned for some exciting news from the woods 2-3 and autos 3 program....coming soon.

Project Lead the Way : Digital Electronics

DE students are exploring coding and the problem solving/design process through the use of Arduino boards, sensors, motors, actuators and lights to create solutions to some of life's unique problems.

Project Lead the Way : Principles of Engineering

POE is exploring simple machines and robotics through the exploration of mechanical principles



English Department Meanderings



The St. Charles East **Writing Center** is now open during lunch hours (4th-7th) in the LRC. Each hour is staffed by members of the English Department and students who've been trained as peer tutors. We encourage students to utilize the Writing Center during any part of the writing process.

The STC English Department is happy to announce that this school year, we are running our first dual-credit course with Elgin Community College: **English 101/102**. The goal of ENG 101 is for students to become better readers, writers, and thinkers. Students will read a variety of essays that will serve as models for the expressive, expository, and persuasive essays of their own. Students will not only improve their grammar skills, but will also learn how to read closely, write clearly, and think critically. The course requires students to follow ECC's curriculum and requirements but on site here at East. By the end of the year, students will have earned honors level senior English credit as well as ECC credit that can be reported on a college transcript. We are excited to have this opportunity to expose our high-school students to college-level coursework, and we are happy to be partnered with ECC in this process!

Speech Team, coached by Court Burkhardt, Millie Combs, and Briana Britton has started meeting, but students can join at any time by coming to a Tuesday Team meeting after school in Mobile 2. The team will compete at 9 tournaments from November to February. Speech Team members Vihay, Katie, Maya, and Joseph painted a creative Homecoming window this fall.



English Department Meanderings



This is the inaugural year for the **AP Research** course at St. Charles East. AP Research is the second half of the two-year AP Capstone certificate from College Board; in order to enter AP Research students must first complete AP Seminar. The focus of the course is for students to explore and engage in field research on a topic and question of their own choosing. The rigorous requirements ask students to discover a "gap" in any field or area of study and use a research method (quantitative, qualitative, or blended) to analyze and develop conclusions in regards to their identified gap and question. This year's AP Research course has spent their first weeks understanding the process that they will embark on and have begun to develop potential questions in order to find the research gaps in that field. This course strives to provide authentic hands-on research opportunities that can continue and grow well beyond the boundaries of their high school experience.

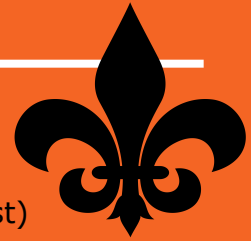
Tennessee Williams' classic **The Glass Menagerie** is as heartbreaking as it is humorous while it explores the bonds of family and exposes the complexity of our memories. Amanda Wingfield relives memories of her idyllic youth and protects her adult children from the harshness of others but does not realize her own eccentricities are the biggest threat to their psychological well-being. With her husband long gone and Tom, her son, ready to leave for adventure, she is determined to find her daughter a husband. But Laura is a fragile and painfully shy girl who retreats into a world of glass and music. Tom is not only the narrator but is based on Tennessee Williams who was torn between his artistic inclinations and his responsibilities to his family, especially his sister. Each character escapes into their own personal "glass menagerie" as a way of dealing with their pain. But when Tom brings a gentleman caller home for Laura, it becomes an evening embedded in their memories. With an edge as sharp as broken glass, this drama about family cuts deep into the longing of human hearts.

The Glass Menagerie by Tennessee Williams will be presented in the Norris Cultural Arts Center on Friday, October 11 at 7 p.m., Saturday, October 12th at 2 p.m. and 7 p.m., and Sunday, October 13th at 7 p.m.

The **X-ray** newspaper staff is working on celebrating 100 years of St. Charles (East) High School newspapers. They will be highlighting a few historical details in their September issue. The 100 years will also be the focus for the October issue. Staffers and editors are having fun perusing the archived issues, all the way back to 1919. Please email leslie.ladowski@d303.org if you have stories or photos to share.

As a team-building activity, many staff members helped paint a Homecoming week window, highlighting the 100th year anniversary.

English Department Meanderings



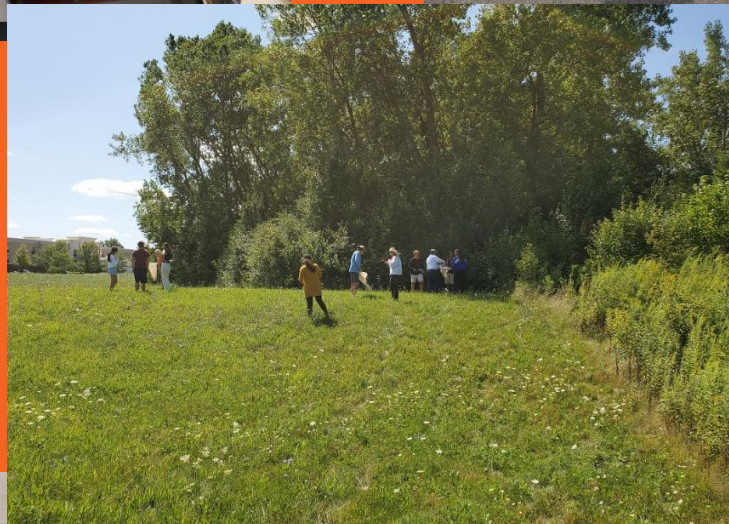
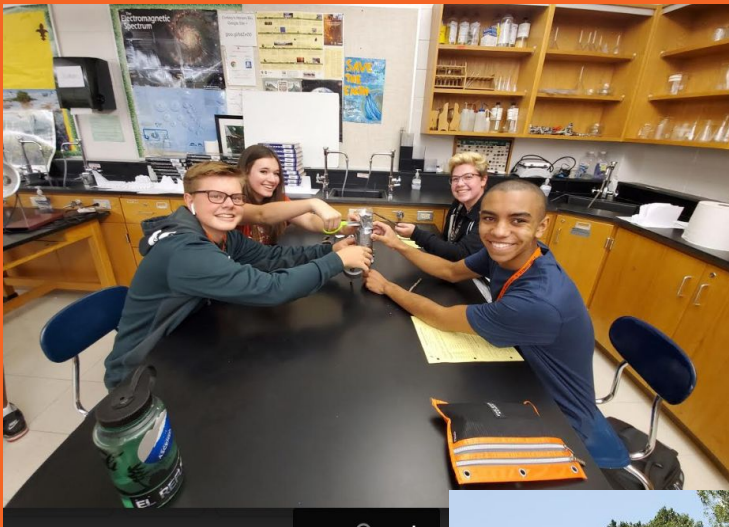
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Environmental science students engage in Science and Engineering Practices by designing, building, and deploying rain gauges to collect data from their local ecosystems. After calculating the area of fallen rain, they will calculate other abiotic factors such as the angle of solar elevation, to construct an understanding around how abiotic factors affect biotic factors in their local community.



Science



The standard and AP environmental science classes participated in a biodiversity study at Campton Hills Park. During this field experience, students identified indicator plants in each of the ecosystems, collected and analyzed light and weather data, and performed soil sampling to determine the soil texture and % organic matter in various soils.



Science



Students in chemistry class work in teams to solve puzzles and find clues to “break out” of their boxes while learning about lab safety and the periodic table.

