



WEEKLY UPDATES



Click [here](#) to email Mr. Fore any questions or suggestions you might have to make this a better experience.



Buy HOCO tickets [here!](#)



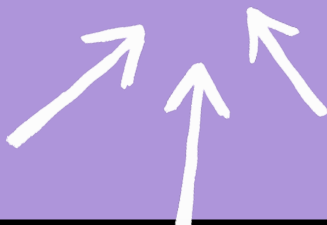
On October 11, sophomores and juniors will take PSAT/NMSQT, and freshmen will take PSAT 8/9. Access these links for details and practice tests. (You don't have to download Bluebook again if you have already done that.)

Sophomores and Juniors:

<https://satsuite.collegeboard.org/psat-nmsqt>

Freshmen:

<https://satsuite.collegeboard.org/psat-8-9>



Save **THE** Date



Underclassmen: Nov. 2nd
Seniors: Nov. 3rd



WEEKLY UPDATES




TARLETON STATE UNIVERSITY
TARRANT COUNTY NIGHT
YOU ARE INVITED!

October 12, 2023 from 6-8pm
Tarleton Fort Worth Campus



Get hands on assistance completing your admission, housing, or scholarship application



Learn more about what Tarleton has to offer



Visit with admissions, financial aid, housing, scholarships, honors college, student success, and corps of cadets

BE ENTERED TO WIN A TARLETON SCHOLARSHIP



REGISTER NOW!

<https://choose.tarleton.edu/tarrant-county-college-night>

 **TARLETON STATE UNIVERSITY**
Member of The Texas A&M University System


MANSFIELD ISD
AP CHEMISTRY REVIEW

SEPT 25: UNITS 1 & 4
OCT 13: UNIT 2

REVIEW AP TOPICS LIVE WITH AN AP CHEMISTRY EXPERT

THE SESSION WILL BE 60 MINUTES LONG, 40 MINUTES OF REVIEW AND 20 MINUTES OF QUESTIONS. PLEASE PREPARE QUESTIONS BEFORE ATTENDING.

REGISTRATION



SEPTEMBER 25
6:00 - 7:00 PM

The session will be held via Teams Live.

REGISTRATION



OCTOBER 13
6:00 - 7:00 PM



- [Click here to access the FSA Key Club website!](#)
- [Click here to view the latest edition of the FSA Key Club Newsletter!](#)
- Key Club Remind Code: text @fsakc23-24 to 81010, or fsakc23-24 in the Remind app.
- Our next meeting is Tuesday, October 17th from 2:45 to 3:05pm in the Cube. Optional committee meetings will follow from until 3:30pm.
- Our next monthly trash pick up volunteer event will be Tuesday, October 24th from 2:45 to 3:45pm. Meet in the Commons after school.
- Our next Dungeons and Dragons fundraiser night will be Tuesday, October 10th from 2:45 to 5:15pm in the Cube!

★ PTSA NEWS ★

Frontier STEM/Ben Barber

October 2023

CONGRATS!



Ms. Holbrooks got flamingoed this week and things got crazy!! Thank you for everything you do for our campus!

VOLUNTEERS NEEDED

To help with cookie sales on Tuesdays or Wednesdays, click [here](#).

To help on November 13 at the MISD Clothes Closet, click [here](#).

MEMBERSHIP MEETINGS:

Tuesday, 11/28

Tuesday, 2/6

Tuesday, 4/9

Thursday, 5/2

LANYARDS

To buy a FSA lanyard for \$5, or to make a donation for teacher appreciation, click [here](#).

**SENIOR PAGE -
NEW UPDATES!
[CLICK HERE.](#)**

★ PTSA NEWS ★

Frontier STEM/Ben Barber

October 2023

PTSA will be offering pre-ordered meals of Chick-fil-a sandwiches, chips, and bottled water at the Homecoming Kickball Game on Thursday, October 19. Anyone can order - learners, staff, friends, or family. Place your order [here](#)!

OCTOBER
19!



email: frontier.benbarber.ptsa@gmail.com

facebook: click [here](#)

instagram: [@fsabbiaptsa](#)



SENIORS



AP

PHYSICS C

It's almost time for our Hovercraft Race! Our learners are quickly making their way through the Forces unit and we are marching toward circular. We're almost halfway through our units!

AP STATS

This week we created density curves to lead into the Normal model. Next week we will work through Normal model both with and without technology. This is an important skill that is expected on 3/6 FRQs on the AP exam.

AP Lit

Learners are continuing to analyze poetry this next week. The College project, due Oct 12/13, helps students in their college application process. On that same date, learners will take an AP multiple choice assessment which counts as a test grade.

ap precal

This week we finished up Unit 1 part 2 over Rational Functions. We will test over these concepts next Thursday/Friday.

AP GOV

We have just completed our first Socratic Seminar of the year over the Electoral College. Ask your learner how they participated in the debate!



SENIORS



AP CALCULUS

We finished Unit 3! We are ready to start Unit 4 next week! Our first test for this 6 weeks is coming up on Thursday 10/12. It will cover Unit 3 topics.

AP CHEM

We're near the end of Unit 2, Chemical Bonding, and students have chosen their molecules for the Molecular Modeling Project. I am excited to see their final product based on what everyone picked.

AP Bio

Learners took their Unit 2 test this week and I saw a lot of growth from the first test. We only met once this week due to the Junior field trip, but next week we will start Unit 3, Energetics!

AP ENVIRONMENTAL

We had a great debate this week! Period one on A day has to finish their debate next Tuesday. Following the debate, we will begin project two: My Ecology.



JUNIORS



AP STATS

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ap pre-cal

This week we finished up Unit 1 part 2 over Rational Functions. We will test over these concepts next Thursday/Friday.

AP Lang

This week the focus was on peer review and moving our rough drafts into final drafts! I am so excited to read AP's rhetorical analysis and dual credit Literacy Narratives. All essays for both courses are due Friday at 11:59 in Canvas portals.





JUNIORS



AP U.S. HISTORY

The APUSH students are continuing to discuss the events of the American Revolution against the British Empire. Students will also be taking a vocabulary quiz over the key terms from Chapter 5 on Tuesday of next week.

AP ENVIRONMENTAL

We had a great debate this week! Period one on A day has to finish their debate next Tuesday. Following the debate, we will begin project two: My Ecology.

AP Bio

Learners took their Unit 2 test this week and I saw a lot of growth from the first test. We only met once this week due to the Junior field trip, but next week we will start Unit 3, Energetics!

AP PHYSICS

We have officially wrapped up Unit 1! Next week we will start Unit 2: Dynamics! I'm looking forward to all of the cool new things to teach as we learn all about forces!

AP CHEM

We're near the end of Unit 2, Chemical Bonding, and students have chosen their molecules for the Molecular Modeling Project. I am excited to see their final product based on what everyone picked.



ELECTIVES



AQUATICS

We had a great debate this week!

Students did a great job with a persuasive argument on both sides. Following the debate, we will begin learning about freshwater and its ecosystem.

AP SEMINAR

This week we went over lens vs perspectives and spent some time in groups differentiating the two. We were assigned random topics and each group had to come up with research questions based off the assigned lens. Ask your learners about them!

AP EURO

This week we finished up our discussion of the period 1450-1648 by studying how Europeans enforced society's morals through persecution of heretics, public humiliation, and accusations of witchcraft. They also used historical sources to define several criteria of witchcraft to determine which designers might be accused of witchcraft at the time.

AP Psychology

Our learners are starting a personality and career assessment project, which will be presented in class on October 17th.

ASTRONOMY

RAYS RAY RAYS! We've been studying rays and light in Astronomy! We are working on our stem design process and exploring telescopes!

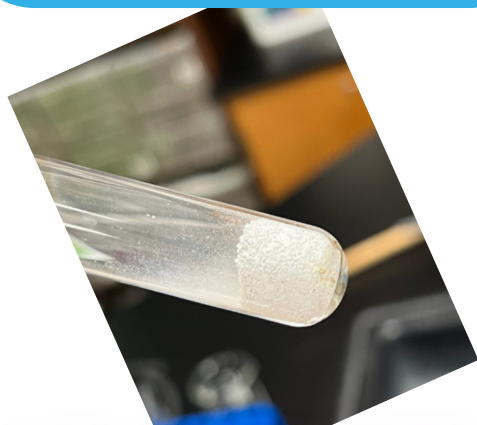


SOPHOMORES



AP WORLD HISTORY

We are continuing unit 3 this week, we will be talking about the Protestant Reformation and similarities between empires 1450-1750.



AP PHYSICS

We have officially wrapped up Unit 1! Next week we will start Unit 2: Dynamics! I'm looking forward to all of the cool new things to teach as we learn all about forces!

ENGLISH 2

This week learners were introduced to the basics of argumentation. We conducted a doubt v certainty spectrum activity, learned the basic logical fallacies, and threw it way back to Plato as we analyzed "The Cave" from The Republic. Learners also wrote a full argument essay that explored whether it is better to dream big or be realistic.

Chemistry

Learners have finished all of the material for our Mole unit and are working on the Hydrate lab. Learners determined the empirical formula of copper (II) sulfate hydrate, $\text{CuSO}_4 \times n\text{H}_2\text{O}$ in the Hydrate Lab. They will have an exam over the content next week and we move into Atomic Theory.

DESIGN TIME

Next week, learners will finalize all of their PBL components and create a final presentation. If any groups need to stay after school to finalize details, email Mrs. Nunez - I stay until 4 most days.

ALGEBRA 2

We are almost done with systems of equations. Next we will spend the rest of this semester working on quadratics and imaginary numbers.



FRESHMEN



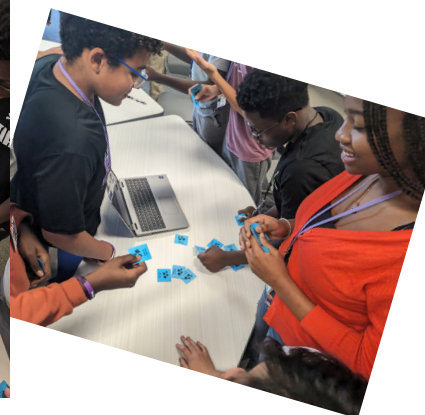
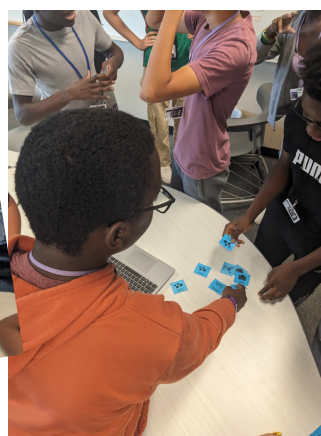
ENGLISH 1

This week we talked about strategies for reading comprehension questions and applied them within a small group setting working on consensus building. We practiced writing a short constructed response based on the short stories we read last week.



AP Human Geography

This week we wrapped up our discussion of Industrial and Economic Development Patterns and Processes with the global trade game!



GEOMETRY

This week we finished up our unit on Parallel & Perpendicular lines. We've learned a lot to do with transversals, angle relationships, and equations of lines. Next week we will test over this unit on Thursday or Friday of the week, depending on when your learner has my class.

BIOLOGY

We modeled enzyme activity using popbeads this week including the effects of enzyme and substrate concentration and denaturing! We also took a quiz over biomolecules and the learners did great! Cells are up next!

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FRESHMAN

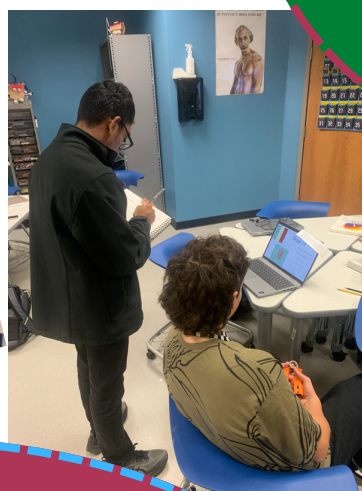
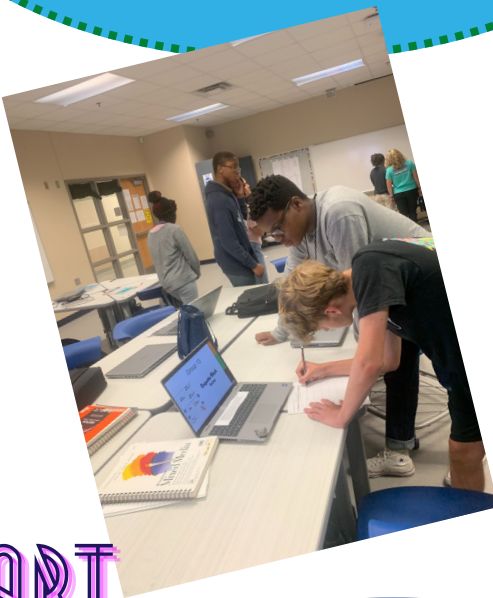


DESIGN TIME

Next week we will present our final board games and wrap up with a Plus/Delta reflection activity. Save the date - our learners would like to show off their board games on November 9th, for our first ever Family Board Game Night!

THEATRE

This week was all about Monologues. We made it through our first round of performances. Your learners did a great job and watching them grow and learn through theatre has been wonderful!



PE

Next week we will begin our Kickball unit in preparation for the Homecoming Kickball game. Please make sure to wear appropriate footwear.

ART

This week, we finished up our Brand Style Guide project by completing a critical friends gallery walk and having a workspace to apply the feedback each group received.

