

To: AISD Board of Trustees
Dr. James Monaco, Superintendent

From: Mr. Jeff Mulkey, Principal, Aubrey High School

Date: February 11, 2013

Subject: Board Communication

FCCLA - Sharon Pelzel

Lifetime Nutrition and Wellness:

Students in Lifetime Nutrition and Wellness completed their study of comparison shopping by taking a trip to Diamond Grocery Store. Students compared national, store, and generic brands, as well as different sizes of the same product, to find the best buy. They also compared different forms (fresh, frozen, and canned) varieties of the same food. Quality was also a consideration. Students are now studying food-related health risks—osteoporosis, hypertension, diabetes, Celiac disease, and stress. Knowing that stress is always going to be a part of our life, students are investigating strategies to manage it.

Human Growth and Development:

Human Growth and Development students studied toddlers in a first-hand way by developing the Toddler Lab. Seven children from ages 1-4 visited our lab which was set up with age-appropriate activities to engage them. The purpose was to then observe their physical abilities, social interaction, emotional responses, and intellectual development.

The HGD classes took a field trip to Scottish Rite Hospital. It was a great experience for students to see first-hand the work and research of the staff who help children with orthopedic disabilities and dyslexia. Staff members also pointed out the many types of degrees people have in a hospital, not just doctors and nurses. A highlight of the trip was that 10 students were able to have one-on-one time with some of the patients in the Child Life Center. This is a center for which volunteers do craft and other interactive activities with the patients. The trip opened the eyes of the students to possible volunteer and career opportunities.

Interior Design:

Students in Interior Design learned the basics of landscape design from Prestige Landscape owner, Bruce Birdsong and Licensed Landscape Architect Linda Carrara who were guest speakers for the class. The Interior Design students are working on new landscape designs for the front of Aubrey High School. Upcoming activities also include a field trip to the Furniture Mart in Dallas.

Family, Career, and Community Leaders of America:

- President Andrea Sholin led the Officer Workshop to evaluate last semester and plan for this semester.
- Members prepared desserts for the AISD Board of Trustees Meeting in January.
- 20 FCCLA Members are registered to attend the FCCLA Region II Leadership Meeting in Waco, February 14-16.
- 5 teams will compete in Region II STAR (Students Taking Action with Recognition) Events at the Region Meeting. 6 teams from each area of competition will advance to State.
- Members participated in the January monthly member meetings.
- The Childhood Obesity Team delivered a healthy eating and lifestyle presentation to the 1st graders at Brockett Elementary during their physical education class. The presentation led by STAR event team members Sarah George and KyLee Hellman featured hands-on activities with the students as they discussed MyPlate and being active every day.
- Fundraisers: Gourmet Popcorn, Cake Pops for Valentine's Day
- Upcoming: Denton County Youth Fair, Election of Officers for 2013-14, FCCLA presentation to TWU Family Studies Club

English – Dawn Dooley

English III Fifth Six Weeks:

-continue SAT Vocabulary

-read *The Great Gatsby* and study historical and literary connections to the novel

-write a literary analysis

-college and career readiness unit: research future career and write paper according to MLA guidelines

English II Fifth Six Weeks - Suzanne Atcheson

We are busy finishing our study of George Orwell's famous novella, *Animal Farm*. We are looking at how it serves as an allegory for the Russian Revolution and uses propaganda and persuasive techniques. In studying this, the students will soon be creating their own persuasive essays in preparation for the STAAR test, as well.

English I Fifth Six Weeks – Jennifer Simpson

Reading: Finish Romeo and Juliet, Poetry

Vocabulary: Literary terms for Poetry

Grammar: Four structures of sentences, combining sentences, Using inverted word order

Writing: Poetry Notebooks

Science – Penny Wimbrough

Chemistry

In chemistry we are covering gas laws at this time. Students are learning how the relationships between pressure, volume, and temperature relate to real situations during various lab investigations. In AP Chemistry we are finishing our unit on Thermodynamics. Students completed a lab covering Hess's Law and calorimetry.

Physics

In physics we are finishing our unit on static electricity and will be starting current electricity. In this unit we will use a Van de Graff generator, along with other demos, such as an electroscope. Then we will be studying current electricity and use many of the supplies that I find throughout the lab.

Biology

We are just finishing up the genetics unit and beginning the unit on Evolution. We will be looking at how natural selection affects populations. We will also be doing the ever popular Natural selection with Teddy Graham's activity.

Pre-AP Biology

We are just beginning the pGlo Bacterial Transformation Lab. The students will be inserting a jelly fish gene into bacteria. The gene will allow the bacteria to produce a protein that will make the bacteria glow bright green under black light. Following this we will begin the evolution unit.

Anatomy & Physiology

We are just beginning the Cardiovascular system. The students will be learning to take a pulse and blood pressure, dissecting a sheep heart and performing an EKG using

the Lab Quest IIs that were purchased with AEF grant. We will also use that equipment to measure heart rate during various activities.

Cheer – Sharon Clemmer

The high school cheerleaders will be hosting our first “Girls Night In” fundraiser of the year on Friday, February 8th. We will have our final one on Friday, March 22nd.

Tryouts for our 2013-2014 squads will be on Friday, March 8th.

Required forms are due on Friday, February 22nd.

Mandatory Tryout Clinic is Monday, March 4th.

*The tryout information is listed on the cheerleader website.

Varsity and JV UCA Summer Cheer Camp has been set for June 3-6 at the Great Wolf Lodge in Grapevine.

Math – Marissa Cabrales

From Mrs. Tracie Zatopek

In Algebra 1 we are covering polynomials at the moment, but we are also reviewing domain/range and exponent rules at the beginning of each class because these are topics that the students tested low on. The Algebra 1 EOC tutorials have been going on for 3 weeks now.

In Algebra 3 we just finished up testing over synthetic and long division and will be beginning rational functions. The students will be learning how to determine the domain of rational functions, the asymptotes of rational functions, and the x-intercepts of rational functions.

In Mr. Lortz’s Classes:

Geometry is covering the Properties of Quadrilaterals, Algebra 2 is on Chapter 6: Graphing Radicals, and AP Calculus is on Integral Calculus – Summation.

In Mrs. Bass’ Classes:

Algebra is working on Polynomials (multiplying/factoring) and Geometry is working on Quadrilaterals and properties of two dimensional figures like Mr. Lortz’s geometry classes.

From Mrs. Cabrales,

We are more than halfway through the year and the seniors and juniors in my classes are seeing the light at the end of the tunnel. They have matured so much since the beginning of the school year and are anxiously making plans for graduation, college or their senior year. Aside from showing off their long awaited senior rings, the students are also coming in to get letters of recommendations for scholarships. They have been studying for and taking their SAT's.

This grading period, the Algebra 2 classes are completing their study on Unit 7 (Rational Functions) and will start with Unit 8(Exponential Functions). The Pre-Calculus classes are continuing their studies in trigonometry. They have had several formulas to learn and memorize. The Math Models classes are learning/ reviewing Transformations, which include rotations, reflections and dilations.

All of the teachers have scheduled mandatory after school for students needing extra help in preparing for the End-of –Course STAAR tests or the Exit Level TAKS Math test.

Once again, thank you for all of your support, Happy 100th Day!

Theatre Arts Department – Joseph Dassinger

High School One-Act Play

We are currently rehearsing this year's UIL One-Act play, *The Gut Girls*, and it is going great. Our UIL One Act Play contest will be Thursday, March 21. Public performance dates will be set very soon as well with a school performance.

Drama Club

Currently in Drama Club will soon be planning our summer High School and Middle School Theatre workshops and an Improv Night at the Middle School.

Theatre I

Students are currently starting scene work.

Theatre II/III

Theatre II students are in the middle of rehearsing for duet scenes which are being directed by Theatre III students.

Theatre III students are currently directing duet scenes while utilizing different directing methods.

After duet scenes, Theatre II/III students will work together to put on a Children's Play.

Technical Theatre I/II

Students are currently working on set designs while utilizing design elements.

Middle School Theatre

Students are finishing up their second monologue performances and then will be working on short scenes while continuing to build characteristics, voice, and movement.

UIL – Edgar Jackson

The UIL Academics team had a great showing at the Princeton Invitational Tournament in January, earning the following awards:

- Maggie McCullough and Danielle Turner- 3rd place CX Debate
- Baylee Friday- 4th place Dramatic Interpretation
- Maggie McCullough- 4th place Poetry
- Michael Page- 6th place Accounting
- Emma Kennedy- 4th place Accounting
- Anthony Fitzgerald- 3rd place Accounting, 6th place
Headline Writing
- Evan Moore- 1st place 11th grade science, 4th place
overall science
- Danielle Turner- 1st place 12th grade science, biology,
and overall science
- Accounting team (Michael, Emma, Anthony)- 2nd place overall
- Science team (Danielle, Evan, Alyssa Johnson)- 5th place overall

In addition to these awards, Aubrey had five other students (Monica Diaz, Taylor Hood, Mikayla Jackson, Juanita Sanchez, and Kayla Wessels) make it into advanced rounds of competition. Each one of these students performed well and deserves congratulations.

The Aubrey High School CX debaters also competed at the UIL district tournament and came away winners!

- The team of Trey Petty and Nick Chambers advanced to semis and finished fourth place.
- The teams of Maggie McCullough and Danielle Turner as well as Rebecca Trissell and Taylor Wilcox finished first and second place, and both teams qualified for the state tournament in March.

This is a great start to a successful UIL academics season, so please be sure to congratulate these students when you see them. They worked hard all year to earn these victories, and they are great examples of Aubrey's tradition of success.

Social Studies – Shon Ranton

World Geography is studying Southwest Asia and North Africa.

Student Council – Brandee Gallagher

The AHS Student Council is busy preparing for our first annual Daddy Daughter Dance. A popular event in many surrounding districts, it used to be presented by the BETA Club here at AHS. However, it was brought to our attention, that we have gone at least a year without a Daddy Daughter dance. So we decided to bring back this wonderful tradition.

Our theme is “Hollywood” and we will roll out the red carpet for the dads and daughters of both Brockett and Monaco Elementary on Saturday, February 23 from 6:00 – 8:00 pm. We are looking forward to an evening of fun!

Band – Ron Chapman

On Saturday, February 2nd, the Aubrey HS Band sent 61 students to the UIL solo and ensemble contests in Sanger. We entered more events than any other school in our regional contest. In the end, we had a ton of students earn First Division ratings.

We had 26 students earn trips to the State solo and ensemble competition at the end of May. Please look at the attached list of students for individual results.

We are very proud of the high numbers that participate. I believe we have more students earning a state trip this year than any other year in AHS band history.

We have our UIL Concert and Sight reading contest in the coming weeks. That contest will be held in Krum on March 5th. The AHS band will be again sending two groups to this High School Region contest. The Symphonic band will be playing a UIL Class 4A level program for the first time at UIL!!! The HS concert band will be playing one level higher than required as well. We will be trying to earn our 5th UIL Sweepstakes Award in the past 6 years!!

Ron Chapman
Aubrey Director of Bands

FFA – Tracy Yarbrough

For the last 3 weeks the FFA has been busy on the road competing in the Ft Worth and San Antonio Livestock Shows, A big congratulations goes out to everyone who has shown, the following made it into the top 20 of their classes (out of usually 30-80 animals)

Pigs @ Ft Worth:

Justin Gibby 2nd behind Reserve Champion

Dylan Morgan 9th/46

Travis Shipp 6th/35

Trey Shipp 15th

Haylee Howell 6th

Emma Howell 9th

Sheep @ Ft Worth

Mikal conn 19th/45

Landen Weaver- 6th Ft worth Gilt show

San Antonio:

Goats

Karlee Collins 5th-angora

Karlee Collins 10th jr

Lyndsy Chave 5th jr

Lyndsy Chave 10th op

Pigs

Maelee Ashcraft 2nd jr

Travis Shipp 9th jr

Mandy Kirby 7th

Emma Howell 6th

Travis Shipp 3rd

Emma 7th

Justin Gibby 11tg

Kyle White 10th

Haylee Howell 1st & Grand champion Hampshire Female

Hanna Goin 7th

Maelee Ashcraft 7th

Maggie McCullough- Made finals (top 10) in the San Antonio Speaking Contest

Ethan Saye (A graduate from AHS last year)

Grand Champion Beef Master Ft Worth female

Grand Champion BeefMaster San Antonio female

Reedy Watson received a \$48,000.00 scholarship from Amigas Para Ninos thru the Houston Livestock Show and the FFA. Congrats Reedy!!!

WE will be on the road until the middle of March so watch for more awesome announcements!!! These kids have put in months of work with their animals, let them know how proud you are of them! Our local show is Saturday March 23rd for everyone to come out and see what they do best!