

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

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

Date: February 10, 2011

Subject: Board Communication

UIL – Chris Shoemake

- UIL is going Great!!!
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- C-X debate district has been pushed back twice due to inclement weather. We have rescheduled for this Monday and expect to do very well.
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- We competed at the Holliday Speech Tournament and won 2nd place in Sweepstakes out of 40 schools including several 4A and 5A schools.
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- OAP rehearsals are well underway and the play is coming together nicely. We will attend two OAP clinics before spring break. OAP district is scheduled for March 24th and we expect to go far this year.
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Thanks for your continued support

Science – Wimbrough

Biology:

We are working on the Evolution unit. The students have just finished being bear eating monsters to look at natural selection with Teddy Grahams (Yum!)

Next week we will be starting on the classification unit.

Pre-AP Biology:

They have just finished transforming regular bacteria into one that will glow green in black light. This involved inserting a jelly fish gene into the bacteria.

Anatomy & Physiology:

They are completing the nervous system Unit - which included dissecting a sheep brain. The next unit is on blood. They will be performing a blood typing lab and making blood smears. After we complete the blood unit we will be doing the cardiovascular system that will include a dissection of a sheep heart.

Physics-

This six weeks has been busy! We have finished the Thermodynamics Unit where we learned about entropy, how heat flows, and how to successfully calculate heat gained or lost in a variety of situations. We have just finished the Waves and Sound unit. We review the types and parts of a wave and the basics of sound, such as how sound is produced, calculating velocities, and beats.

Chemistry-

This six weeks we have learned how to balance equations, classify reactions, predict products, and worked on Stoichiometry. The students are having to use all the knowledge from the year to successfully predict theoretical yields in real-life scenarios of the lab. Recently, the chemistry classes conducted a percent yield lab involving collecting silver from a solution.

Environmental:

We are talking about water... the properties of water, water contamination, water as a solvent and the Water Act

IPC:

We are talking about the Gas Laws, will be doing a lab where we make a aluminum can implode. We will also be discussing why ships float and why planes fly.

History – Shon Ranton

World Geography is currently in Africa. And we are reviewing for the TAKS test.

AG & FFA – Tracy Yarbrough

It is show season and Ag and FFA are busy making Aubrey America proud. Updates will follow next month.