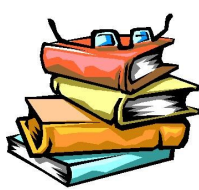


Monday, February 12, 2018

## English



⇒ **Pre-AP English I:** Students will practice identifying rhetoric devices within pieces of writing. Students will still be working with *Animal Farm*. Students will be testing on February 14th and 15th.

⇒ **Pre-AP English II:** Students will be completing the HSCA 6 test and reviewing expectations for the reading section of the STAAR exam.

⇒ **English III (Morton):** Students are continuing *Grapes of Wrath* with a focus upon the author's purpose.

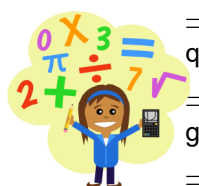
⇒ **English IV (Morton):** Students are reading the epic poem, *Paradise Lost*, and focusing upon the hero's soliloquy in book one.

⇒ **AP/Dual Credit Language and Composition:** Students will write an in-class, timed rhetorical analysis essay over Abraham Lincoln's "The Gettysburg Address," and will continue synthesis practice.

⇒ **AP/Dual Credit British Literature:** Students will present their original sonnets and begin studying the Enlightenment period.

⇒ **Business English:** Students will take a quiz over SAT vocabulary and begin working on their student-led grammar presentation project.

## Math



⇒ **Algebra I:** Students will graph, evaluate, and factor quadratic functions.

⇒ **Algebra II (Baker):** Students will continue to solve and graph systems of quadratic and linear equations.

⇒ **Algebra II (Polley):** Students will study square root functions as the inverse of the square.

⇒ **Geometry:** Students will construct and find the properties of incenters, circumcenters, orthocenters, and centroids.

⇒ **Pre-Calculus (Baker):** Students will graph the sinusoidal function.

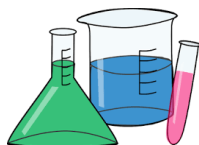
⇒ **Pre-Calculus (Kim):** Students will find the exact values of the trigonometric functions using even-odd properties.

⇒ **AP Calculus:** Students will calculate, interpret, and apply integrals.

⇒ **AP Statistics:** Students will construct confidence intervals and test hypotheses about proportions and means.

⇒ **College Algebra:** Students will construct and solve linear functions to solve problems.

## Science



⇒ **Pre-AP Biology:** Students will be learning about homeostasis and how the body uses various feedback systems to stay in balance.

⇒ **Pre-AP Chemistry:** Students will do a lab on acids and bases and practice further on calculations of pH.

⇒ **AP Biology:** Students will complete study of evolution.

⇒ **AP Physics:** Students will study Work-Energy Theorem.

## Social Studies



⇒ **AP Human Geography:** Students will analyze the causes and consequences of international trade and growing interdependence in the world economy.

⇒ **AP World History:** Students will be analyzing the social, economical, and environmental impact of the Trans-Atlantic Slave Trade on Africa, Europe, and the Americas.

⇒ **US History (Morton):** Students have completed study of the 1960s and are moving into the unit on Civil Rights.

⇒ **Government and Economics (Morton):** In economics, students will be graphing stock market volatility using student chosen stocks. In government, students will look at regular agencies, particularly those in banking and monetary oversight.

## Fine Arts, CTE, LOTE, PE



⇒ **Model United Nations:** Students will prepare for a Security Council simulation on the Rwandan Genocide.

⇒ **Practicum-in-Business:** Zambia's Recipe for Economic Success - Students will explore what kinds of changes explained the rise from one of the lowest ranked countries on the Economic Freedom Index to being equal to Poland and France in just 15 years; then, students will apply these concepts to their Capstone Project.

⇒ **Theater Arts I:** Students will be presenting presentations promoting the history of film during the last 100 years.

⇒ **PE:** On Monday/Tuesday, students will learn the rules of and play softball. On Wednesday/Thursday, students will learn the rules of and play flag football.

## HAIS Happenings



⇒ The results of **Souper Bowl for Caring** are in! HAIS raised a total of 430 food items (454 lbs.) for the Houston Food Bank and \$68.61 for United Way. A big shout out to HAIS Student Council for sponsoring the event! The following AVIDs will be invited to an ice cream social (date TBD) for their awesome fundraising efforts: Borger, Baltz, Polley, Anyanwu, and Bobba.

⇒ AVIDs will participate in the **Love Yourself Campaign** from February 12-16.

⇒ Come support **HAIS Soccer** on Monday, February 12 at 4:00 PM against Long @ Jane Long Academy and again on Wednesday, February 14 at 4:00 PM against Eastwood @ Mason Park!

⇒ **Student Council** will hold its next general meeting on Thursday, February 15 from 3:30-4:30 PM in Room 204.

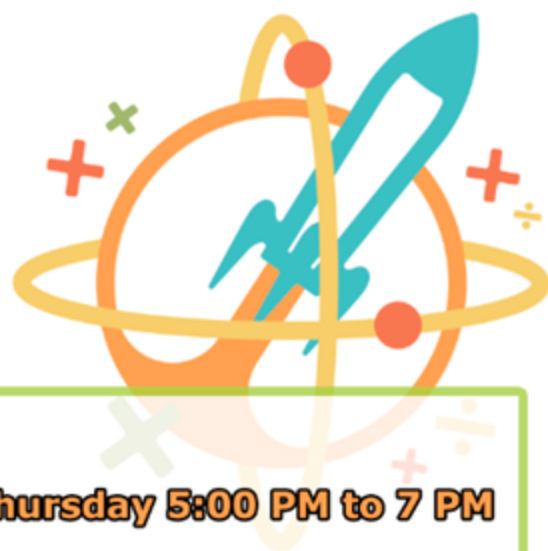
⇒ Join us for **STEM night** on Thursday, February 15 from 5:00-7:00 PM! See flyer on next page for more information.

⇒ Beat the Valentine's Day Blues: You're always someone's type at the **Blood Drive** on Friday, February 16!

⇒ See attached **calendar** for more upcoming events!

Houston Academy of International Studies

# Annual STEM Night



**February 15, 2018 Thursday 5:00 PM to 7 PM**

**Participate in Interactive STEM activities and support your Math/Science teachers and classmates. Learn about different science, math, technology and engineering careers.**



**INQUIRY IS • SCIENCE • TECHNOLOGY • ENGINEERING • ART • MATH**