

The Houston Academy for International Studies



What's Happening at HAIS the week of February 23, 2015



In Science, Technology, and Math this week:

Biology: students will continue studying "Biological Processes" and begin analyzing body systems such as the endocrine, nervous, and reproductive systems. Students will complete lab and inquiry activities.

AP/Dual Credit Biology: students will conclude lesson on kingdoms protist, plantae, and animalia. Students will complete lab inquiry and present a "Press Conference" class project activity in class.

AP Physics: students will compare and classify DC and parallel circuits. Students will apply Ohm's and Kirchoff's Laws to their assignments.

Physics: students will examine states of matter. In addition, students will explore topics of pressure, the Ideal and Combined Gas Laws and take Snapshot #4 test.

Science R&D: students will inspect thermal energy and home insulation.

Chemistry: students will compare and categorize gases and complete lab inquiry over Gas Laws.

AP/Dual Credit Chemistry: students will continue studying chemical equilibrium and begin acid-base equilibrium.

Algebra: students will solve quadratic equations by factoring and using the quadratic formula

Algebra 2: students will use inverse variation and joint variation models.

Pre-Calculus: students will find the value of the inverse sine, cosine, and tangent functions.

AP Calculus: students will calculate, interpret, and apply integrals.

AP Statistics: students will construct and interpret Hypothesis Tests for Proportions.

Geometry: students will learn Properties of Polygons.

Here's What's Happening in the Humanities this week:

English I: students are editing for grammar and mechanics and reading Act II, Scene 1 of *A Raisin in the Sun*, focusing on character identity and development.

English II: students are completing persuasive essays, practicing their knowledge of *Ender's Game*, and being assessed on that knowledge.

Business English: students are quizzing on SAT and reading vocabulary. Students are also reading and annotating *The Adventures of Sherlock Holmes*: "The Musgrave Ritual" for topic and theme. In addition, students are practicing identifying sentence errors in verb tense.

AP Language: students are continuing to read and annotate "Civil Disobedience" by Thoreau. Students are also giving their presentations on similar messages to the themes in "Civil Disobedience" in other media.

AP Literature: students are researching background on William Shakespeare in order to create presentations to peer-teach.

AP Human Geography/World Geography: students will analyze geopolitics at a global scale.

Model UN: students are preparing for the National High School Model United Nations Conference, New York. The trip is scheduled for March 4—8, 2015.

AP World History: students will continue composing and practicing Document Based Question (DBQ) essay writing.

U.S. History: students will decide on the importance of America using the atomic bomb in the Pacific War campaign against the Japanese Empire during World War II. Students will have to assess the facts and sources to oppose or support President Truman's decision.

Economics: students will continue to identify trends in the labor market and apply the basic principles of defining the housing market(s).

Opening a World of Opportunities.



HISD

February 2015

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**REPORT CARD DAY
IS FRIDAY,
FEBRUARY 20TH.**

English and U.S.
History Tutorials
available Saturday
mornings!

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 HAIS Soccer (Boys & Girls) vs. Sharpstown @ Sharpstown, 4:00 pm	4 College Chat: UT-Tyler @ 11:30 am (Go Center)	5 College Chat: Univ. of New Mexico @ 11:30 am (Go Center)	6 School starts at 9:00 am HAIS Soccer (Boys & Girls) vs. Challenge @ Mason Park #4, 4:00 pm	7 Saturday Tutori- als (English & U.S. History) and APEX Lab Open
8	9	10 College Chat: Georgia State @ 11:30 am (Go Center) HAIS Soccer (Boys & Girls) vs. Carnegie @ Mason Park #6	11 College Chat: UH-Clear Lake @ 11:30 am (Go Center)	12 College Chat: Grambling State @ 11:30 am (Go Center)	13 CYCLE 4 ENDS School starts at 9:00 am HAIS Soccer (Boys) vs. North Early @ Mason Park #5, 6:30 pm	14
15	16	17 HAIS Soccer (Boys & Girls) vs. East Early @ Mason Park #5, 4:00 pm	18	19	20 EARLY DISMISSAL School starts at 8:15 am HAIS Soccer (Boys & Girls) vs. SW Charter @ Mason Park #5, 4:00 pm	21 Saturday Tutori- als (English & U.S. History) and APEX Lab Open City Debate Championship
22	23	24	25	26 College Chat: Fisk Univ. @ 11:30 am (Go Center) Black History Program 5:30	27 School starts at 9:00 am HAIS Soccer (Boys & Girls) vs. Izaguirre @ Mason Park #4, 4:00 pm	28 Saturday Tutori- als (English & U.S. History) and APEX Lab Open Basketball Tour- nament @ Sharpstown High School