

# The Houston Academy for International Studies



What's Happening at HAIS the week of February 16, 2015



## In Science, Technology, and Math this week:

Biology: students will conclude lesson on "Biological Processes" and begin dissecting body systems such as the endocrine, nervous, and reproductive systems. Students will complete lab dissections and inquiry activities.

AP/Dual Credit Biology: students will continue studying kingdoms protist, plantae, and animalia. Students will complete lab inquiry.

AP Physics: students will examine DC and parallel circuits. Students will also study Ohm's and Kirchoff's Laws.

Physics: students will analyze states of matter. Students will also visit topics of pressure, the Ideal and Combined Gas Laws and take a snapshot #4 test.

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

Chemistry: students will examine gases and Gas Laws.

AP/Dual Credit Chemistry: students will continue study on chemical equilibrium.

Algebra 1: students will solve quadratic equations by factoring.

Geometry: students will use sine, cosine, and tangent ratios to solve problems.

Pre-Calculus: students will convert between degree and radian measures of angles.

AP Statistics: students will make Confidence Intervals and Hypothesis Tests for proportions.

Algebra 2: students will write exponential and power functions.

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

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

English I: students are writing short answer question responses, learning about monologues and soliloquies, and reading Act II, Scene 1 in *A Raisin in the Sun*.

English II: students are following a step by step process for writing a persuasive essay with reference to *Ender's Game*.

Business English: students are taking a quiz over vocabulary from their SAT list and from their reading. Students are also continuing to read from Sir Arthur Conan Doyle's *The Adventures of Sherlock Holmes*. As they read, they are determining the meanings of vocabulary words from context, summarizing and speculating over major events, and exploring different points of view.

AP Language: students are reading and annotating Thoreau's essay on "Civil Disobedience," studying vocabulary from the text, and answering reading comprehension and analytical questions about the text.

AP Literature: students are being assessed on their understanding of *Frankenstein* vocabulary and starting research on *Hamlet* and the life of William Shakespeare.

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

Model UN: students are preparing for National High School Model United Nations Conference, New York. The Social Studies department will be hosting a Delegate workshop on Saturday, February 21 from 10:00AM to 12:00PM. Sign-up in room 102.

AP World History: students will continue composing and practicing how to write a Document Based Question (DBQ) Essay and begin Industrialization and Global Integration in world history.

U.S. History: students will construct the American domestic and foreign policies during World War II by analyzing primary sources.

Economics: students will 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!

Department of Social  
Studies will host a  
Delegate Workshop  
on Saturday, Feb. 21  
(10 am—12 noon).  
Sign-up in room 102!

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 <b>CYCLE 4 ENDS</b> 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 <b>EARLY DISMISSAL</b> 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)	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