

# The Houston Academy for International Studies



What's Happening at HAIS the week of April 13, 2015



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

Biology: students will continue independent research work by reporting category 3 objectives in preparation for the STAAR EOC.

AP/Dual Credit Biology: students will continue lesson on animal systems. Students will complete a lab over the respiratory system.

AP Physics: students will begin Physics 1 review AP by Greg Jacobs.

Pre-AP Physics: students will conclude and review electric current and circuits. Students will also complete missing assignments.

Science R & D: students will launch bottle rockets at our local Spark Park. In addition, students will test run completed Lou-vee car and demonstrate to the class the project of choice.

Chemistry: students will analyze heat and specific heat.

AP/Dual Credit Chemistry: students will continue to research selected topics on organic chemistry.

Algebra 1: students will review properties and attributes of functions for STAAR category 2.

Math Models: students will interpret scatterplots to make predictions and describe relationships.

Algebra 2: students will graph and write equations of parabolas that open left or right.

Pre-Calculus: students will find the area of SAS or SSS triangles.

AP Calculus: students will use geometric interpretation of differential equations via slope fields and the relationship between slope fields and solution curves for differential equations.

Geometry: students will use Properties of Tangents, Arcs, and Chords to solve problems.

AP Statistics: students will do Chi-Squared tests for Goodness of Fit, Homogeneity, and Independence.

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

English I: students are beginning their unit on *Romeo and Juliet* and reviewing their degree plans and HCC graduation requirements.

English II: students are reading and analyzing *Macbeth* to later perform pieces from it. This week, they are specifically focusing on character development within the play.

Business English: students are practicing writing timed essays to SAT prompts, reviewing commonly confused words that are frequently tested on the SAT, studying vocabulary, and practicing critical reading.

AP Language: students are practicing analyzing sources for claim, data, and warrant, and are working in groups to plan, outline, and write a synthesis essay.

AP Literature: students are continuing their reading and analysis of *Hamlet*. They are also focusing on their graduation goals in this last month of their high school career.

U.S. History: students will analyze and compare the domestic and foreign policies of the JFK and LBJ presidential administrations. In addition, students will begin the discussion of the Vietnam War — its causes, timeline, and debilitating effects.

Economics: students will study global patterns in economics with an emphasis on the significance of international organizations and the international banking system.

Opening a World of Opportunities.



HISD

## April 2015

1810 Stuart  
Houston, TX 77004

Phone: 713-942-1430  
Fax: 713-942-1433  
E-mail:  
HAIS@houstonisd.org

AP Biology, AP Stats,  
English, Math, Social  
Studies, U.S. History,  
and SAT Tutorials  
available Saturday  
mornings! Check  
your Tutorial  
Schedule.

**TEST DATES:**  
Wed., April 1st  
(STAAR English II)

Wed., April 15th  
(SATs)

May 4-8 STAAR  
Testing

May 4-15 AP Testing

May 11-15  
HCC Finals

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 STAAR TESTING for English II students	2 CYCLE 5 ENDS	3 School Closed — Spring Holiday	4 No Saturday Tutorials
5	6	7 Scholar's Banquet	8	9 Magnet Signing Day at 6:00 pm	10 EARLY DISMISSAL School starts at 8:15 am	11 Saturday Tutorials and APEX Lab Open
12	13	14	15 SAT TESTING  All 11th Grade	16	17 School starts at 9:00 am	18 Saturday Tutorials and APEX Lab Open
19	20	21 11th Grade Internship Fair @ 11:30 am	22 11th Grade Internship Fair @ 11:30 am	23	24 School starts at 9:00 am  History Bowl Competition @ Challenge H.S. (All Juniors)  BLOOD DRIVE	25 Saturday Tutorials and APEX Lab Open
26	27	28	29	30		