

# The Houston Academy for International Studies



What's Happening at HAIS the week of April 27, 2015



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

**Biology:** students will continue independent research work on Reporting Category 4 & 5 objectives in preparation for the STAAR EOC. Moreover, they will continue operating on their Cycle 6 projects.

**AP/Dual Credit Biology:** students will study animal systems. In addition, they will complete a lab over the excretory system and present their Cycle 6 projects.

**AP Physics:** students will review Physics 1 Review AP by Greg Jacobs. Students will additionally review topics over the AP exam (Wed., May 6) including the NMSI released multiple choice questions.

**Pre-AP Physics:** students will analyze quantum theory and take Snapshot #5.

**Science R & D:** students will present their research projects and review unit lessons in preparation for the final exam.

**Chemistry:** students will continue to experiment with thermochemistry and take a Snapshot exam.

**AP/Dual Credit Chemistry:** students will review for the AP exam set for Monday, May 4.

**Algebra 1:** students will review nonlinear functions.

**Algebra 2:** students will graph and write equations of ellipses.

**Pre-Calculus:** students will graph and identify polar equations by converting to rectangular equations.

**AP Calculus:** students will find specific antiderivatives using initial conditions, including applications to motion along a line and total distance traveled.

**AP Statistics:** students will test hypotheses for regressions.

**Geometry:** students will apply properties of chords and use inscribed angles in polygons.

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

**English I:** students are beginning their *Romeo and Juliet* lesson and practicing scenes to perform.

**English II:** students are completing their reading of *Macbeth* and entering into a theatrical, performance-based classroom in which they will adapt scenes from the play to their own words and direction.

**Business English:** students are writing personal biography paragraphs for different audiences, and are beginning to work on their résumés.

**AP Language:** students are writing persuasive papers in response to past AP Free Response prompts. They are also continuing to practice writing timed synthesis essays.

**AP Literature:** students are completing their reading of *Hamlet* and will be starting on analyzing the text and characters through essay writing. This will be in preparation for their AP British Literature exam coming up in May.

**AP Human Geography:** students are reviewing for their AP exam set for Friday, May 15.

**Model United Nations:** students are examining issues that affect women worldwide such as gender based violence, access education and human trafficking. Additionally, students are planning fundraisers to raise money for KIVA microcredit finance loans.

**AP World History:** students are reviewing Units 1 & 2 in preparation for the AP exam (Thurs., May 14) along with how to write a DBQ essay.

**U.S. History:** students will review the underlying causes and effects of the Vietnam War. Moreover, students will study the historic events, domestic and foreign, of the 1970s.

**Economics:** students will analyze the challenges of globalization and how it effects the United States domestically.

Opening a World of Opportunities.



HISD

## April 2015

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

**IMPORTANT DATES**

**STAAR TESTING:**  
May 5— Algebra I  
May 6—Biology  
May 7—U.S. History

**AP EXAMS:**  
May 4—15

**HCC FINALS:**  
May 11—15

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 <b>STAAR TESTING</b> for English II students	2 CYCLE 5 ENDS	3 School Closed — Spring Holiday	4 <b>No Saturday Tutorials</b>
5	6	7 Scholar's Banquet	8	9 Magnet Signing Day at 6:00 pm	10 <b>EARLY DISMISSAL</b> School starts at 8:15 am	11 Saturday Tutori- als and APEX Lab Open
12	13	14	15 <b>SAT TESTING</b> (All Juniors)	16	17 School starts at 9:00 am	18 Saturday Tutori- als 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)  <b>BLOOD DRIVE</b>	25 Saturday Tutori- als and APEX Lab Open
26	27	28 <b>EMERGE</b> Awards Dinner	29	30	May 1	May 2 Saturday Tutori- als and APEX Lab Open