

# The Houston Academy for International Studies



What's Happening at HAIS the week of February 22, 2016



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

In Pre-AP Biology, students will be studying homeostasis, positive and negative feedback loop mechanism

In Algebra students will analyze quadratic functions and other polynomials

Algebra II students will solve quadratic equations involving complex numbers by completing the square.

Geometry students will use AA similarity to solve problems involving ratio and proportion.

Statistics students will construct confidence intervals and test hypotheses for two populations that are not independent.

Chemistry in Pre-AP chemistry class the students will continue on acids and bases and learn about pH of solutions.

In AP/Dual credit chemistry the students will be tested on equilibrium and will start on acids and bases.

Geometry students will write the equations of circles in the coordinate plane.

Pre-Calculus students will know the definition of the inverse secant, cosecant, and cotangent functions.

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

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

In Model United Nations, students will work in pairs to begin leading in-class simulations and choosing new global issues.

In Pre-AP English, students will read analyze and compare two famous works of short fiction.

In AP Human Geography, students will be comparing city models, and identifying patterns and local trends.

English II students are using the methodology applied to creating their Poetry Project to analyze and synthesize more difficult pieces as preparation for the STAAR.

APUSH students will identify, trace, analyze, and evaluate the causes and effects of World War II on the US and the World.

Business English students will be able to apply key grammar concepts. Students will also practice rhetorical analysis writing, determining the words of SAT-level vocabulary words in context, and identifying characterization and theme while reading from Sir Arthur Conan Doyle's *The Adventures of Sherlock Holmes*.

AP Language and Composition students will be able to analyze the ways in which authors build an argument using various rhetorical devices. Students will also be able to synthesize ideas from multiple texts to support a claim.

AP British Literature students will be familiar with different genres of poetry. Students will be able to write analytically about poetry.

**Opening doors to a World of Opportunities. Looking Ahead!**

HISD

## February 2016

1810 Stuart  
Houston, TX 77004  
Phone: 713-942-1430  
Fax: 713-942-1433  
E-mail:  
HAIS@houstonisd.org



**Looking Ahead!**



- Happy Black History Month!
- **Feb. 26**  
Black History Program
- **March 3**  
HISD FASFA Day
- **March 4**  
Virtual Fair
- **March 14-18**  
HISD/HCC Spring Break—No School
- **March 25**  
No School
- **March 29**  
English I STAAR EOC for 9th Grade
- **March 31**  
English II STAAR EOC for 10th Grade
- **April 12**  
In School SAT for all 11th Grade

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Soccer: Mason Park	2 HB5 Meeting 5pm	3 Junior SAT Registration begins Soccer: Mason Park	4 Black History Month Film Showing @ 4:10p HB5 Meeting 5pm	5 Friday <b>CLUB</b> day HB5 Meeting 10 am	6 Saturday School Basketball Tournament HUDL Debate Championship
7	8 Soccer: Gregory Lincoln	9 FAFSA Night 5:30 pm Houston National College Fair	10 Black History Month Film Showing @ 4:10p Soccer: Peiser 1&2	11  Chinese Sister School students arrive! Mixer for Host Families and Students @ 6:30 pm	12  Friday <b>CLUB</b> day Valentine's Dance 	13  Saturday School
14 	15 	16 	17  Soccer: Peiser 1&2	18  Black History Month Film Showing @ 4:10p	19  <b>Early Dismissal Report Cards</b> School Starts at 8:15 Lunar New Year 	20  Saturday School MCLIMS CNY Festival Volunteer Black History Month Event: "All the Way" play, Alley Theater @
21  Chinese Sister School Departure Dinner	22 Soccer: Mason Park	23	24 HISD FASFA Roadshow@ HAIS Black History Month Film Showing @ 4:10p Soccer: Peiser	25 Black History Month Program 6-8 pm	26 Friday <b>ASSEMBLY</b>  Black History Presentation	27 Saturday School Black College Expo 9am Black History Month Event: "Fences" play, Ensemble Theater @ 2pm
28	29 Black History Month Film Showing @ 4:10p Soccer: Mason Park	1	2	3 HISD FASFA Day	4 Friday <b>CLUB</b> day Virtual College Fair during AVID	5 Saturday School