

# The Houston Academy for International Studies



What's Happening at HAIS the week of February 1, 2016



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

In Pre-AP Biology students will analyze and evaluate the effects of genetic drift, gene flow, mutation and recombination. Students will have an exam on Monday & Tuesday covering evolution concepts.

In Algebra students will utilize a variety of methods to solve root and quadratic equations.

In Statistics, students will use sampling distributions to test hypotheses about proportions in more detail.

In Geometry students will construct altitudes and medians of triangles and use their properties to solve problems.

In Algebra II solve quadratic equations by factoring and using the quadratic formula.

In Pre-AP Chemistry students will learn about solubility and concentration of solutions, and will complete the Solutions lab.

In AP/ Dual credit Chemistry students will practice Chemical kinetics problems and will be tested on kinetics.

Geometry students will use properties of the altitude of a right triangle.

Pre-Calculus students will find the exact values of the trigonometric functions using even-odd properties.

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 continue and finish presenting their Scene Presentations from Romeo and Juliet, finish reading/acting the final act of the play, view the final act on-screen, and take the final assessment.

In AP Human Geography students will evaluate different regional conflicts, begin preparing news clips and identifying experts in the field to interview for their news segment.

English II students are finishing up our unit on Ender's Game and starting their Poetry Unit.

In AP World History students will be studying the Gunpowder Empires.

Business English students will be working in groups to prepare for their Student-Taught Grammar Lesson project. Students will also be preparing for the SAT essay.

AP Language and Composition students will be writing timed rhetorical analysis essays to enhance their reading and prepare for the AP Language and Composition Exam.

AP British Literature students will be taking the essay portion and the multiple choice/short answer portion of their test over *Hamlet*, and will also compare and contrast scenes from different movie renditions of *Hamlet* through the ages.

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

HISD

## February 2016

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**Looking Ahead!**



- Happy Black History Month!
- **Feb. 11-21**  
Chinese Sister School Visit
- **Feb. 26**  
Black History Program
- **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					