

# The Houston Academy for International Studies



What's Happening at HAIS the week of January 9, 2017



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

Chemistry students will be learning about Molarity in detail to calculate the concentration and dilutions of solutions. The concept will be supplemented with Braingenie and Khan Academy practice exercises for better understanding.

Algebra students will apply the concepts of arithmetic sequences and series to real world application problems.

Biology students will analyze chromosomes through karyotyping to identify abnormalities in organisms.

Geometry students will use proportions to solve geometry problems.

Pre-Calculus students will solve logarithmic equations.

AP Calculus students will calculate definite integrals.

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

In APWH we will be learning about Louis XIV, absolutism, Divine Right theory and more. Students will receive instructions on how the major project grades for this 6-weeks will be completed and due dates for both assignments.

In Model UN, students will be wrapping up their Year in Review papers over their country before diving into our new topic, food supply.

Students will review time period 5 (1844-1877) by finalizing their DBQ essays and writing AP long essays.  
KEY CONCEPTS 5.1-5.3

Business English students will outline, draft, and revise personal narrative essays in response to College Admissions prompts. Students will also be able to define SAT-level vocabulary words and use them correctly in a sentence.

AP Language and Composition students will be able to analyze a speech for rhetoric, and will begin to do a rhetorical analysis of the Gettysburg Address.

AP British Literature students will be able to read a poem for comprehension and analyze it for literary qualities. Students will also be able to explain the components of meter and the characteristics of a ballad. Students will also finish reading Shakespeare's *Hamlet*.

In English 1, we will read and analyze the novel *Night*, by Elie Wiesel.

APHG SWBAT Use population density to explain the relationship between people and the environment.

Opening doors to a World of Opportunities.


## January 2017

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**Looking Ahead!**

**Feb. 10th –  
Lunar Festival**

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
1 New Year's Day	2	3	4	5 Alumni Chats  HCC Dual Credit Presentation	6 Guest Speaker: Paula Harris  Report Cards distributed!  B-ball Game!	7	
8	9 Scholarship Extravaganza  Senior "I Apply" workshop	10 SAT Prep  Alumni Panel	11 Volunteer Fair  "Slay the Way" Guest Speaker Panel	12 Blood Drive  Volunteer Action Day	13 Guest Speaker: British Petroleum executive  B-ball Game!	14	
15	16  No classes- MLK Day	17 HCC Classes begin	<b>HAIS Homecoming week!</b>			20  B-ball Game!	21
22	23	24	25  9th Grade parent meeting	26	27 Guest Speaker: NASA Rep.  B-ball Game!	28	
29	30	31	28	29	30	31	