

The Houston Academy for International Studies



What's Happening at HAIS the week of January 17, 2017



In Science, Technology, and Math this week:

Geometry students will find side lengths in right triangles.

Pre-Calculus students will find the exact values of the trigonometric functions using the unit circle.

Ap Calculus students will use the Fundamental Theorem of Calculus to represent a particular antiderivative and the analytical and graphical analysis of functions.

Physics students are studying the Conservation of Momentum.

Math students are working on linear equations.

Biology students will predict possible outcomes of genetic combinations, such as monohybrid and dihybrid crosses.

Algebra 1 students will relate systems of linear equations to the real world.

Chemistry students will study Molarity calculations practice, Types of solutions and factors influencing the solubilities and rates of dissolution.

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

HIST 1302/APUSH students will analyze and evaluate how the Gilded Age affected the US economically, politically, and socially.

Business English students will focus on preparing for the SAT Critical Reading and Writing and Language sections. Focuses this week will include Second Hundred SAT Words 21-40 (Critical Reading), common grammar issues (Writing), and rhetorical analysis essays (Writing).

AP Dual Credit 1302/Language and Composition students will engage in rhetorical analysis of speeches and articles of historical and current significance.

AP Literature students will finish Shakespeare's *Hamlet* and learn to analyze poems from different literary periods, focusing on the sonnet.

The future looks bleak for our ELA II students as they find themselves in a variety of dystopian worlds for this week's reading. We'll also be investigating creative responses, editing, and correction practices.

In MUN, students will be exploring the food supply in America through the documentary *Food Inc.* before engaging in a simulation over the future of food and health in America.

In English 1, students are reading *Night*, by Elie Wiesel and will be focusing upon character analysis.

AP Human Geography SWBAT interpret and apply theories of population growth and decline.

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 Debate B-ball Game!	14
15	16  No classes- MLK Day	17 HCC Classes begin	18	19	20	21
HAIS Homecoming week!						
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