

The Houston Academy for International Studies



What's Happening at HAIS the week of October 17, 2016



In Science, Technology, and Math this week:

In Geometry, students will Write and Graph Equations of lines and Prove Theorems About Parallel Lines.

In Algebra II, students will Add, Subtract, and Multiply Matrices and will Apply Cramer's Rule to Solve Problems.

In Statistics, students will Make Scatter Plots, Calculate the Equation of the Least Squares Regression Line, and Interpret Pearson's r .

Geometry students will use theorems about isosceles and equilateral triangles.

Pre-Calculus students will graph polynomial functions using transformations.

AP Calculus students will find relationship between the increasing and decreasing behavior of " f " and the sign of " f ."

Physics students will study projectile motion.

Students in Algebra will use regression to build a model for analyzing diseases and their growth.

Students will investigate and explain cellular processes, including homeostasis, energy conservations, transport of molecules, and synthesis of new molecules. Also, students will present Infectious Disease Project.

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

In Model UN, students will continue to explore historical genocides and create presentations. Students who are attending the Sharpstown MUN conference need to turn in permission forms and \$20 by Friday, the 21st. Students who are attending the Central Texas MUN in Austin need to continue to pay towards their balance.

Glamis, Cawdor, King--Macbeth is on top of the world after climbing to the throne over the body of his king. Can Macbeth maintain his balance as king, or will his conscience unseat him? Students will find out this week as they finish Act II and begin Act III. They'll also be searching out overlapping themes from some of Edgar Allan Poe's poetry. All the while, students will continue working on short answer responses.

Over the span of the next three to four weeks we will steadily make our way into the renaissance era and to celebrate all that we are going to discover, the 10th grade team is sponsoring a field trip to the **Texas Renaissance Festival November 2**. If you are interested in chaperoning please contact either Mr. Arnold or Mr. Borger for more details.

Business English students are preparing for the Critical Reading and Writing and Language portions of the PSAT, which they will take on Wednesday, 10/19.

AP/DC 1301 Language and Composition students are collaborating to write Synthesis essays.

AP English Literature students will read "The Pardoner's Tale" from Chaucer's *The Canterbury Tales*.

APUSH/DC students will identify, analyze, and evaluate the Era of Good Feelings and the Age of Jackson.

In AP Human Geography, students will explain how culture is expressed in landscapes and how land and resource use represents cultural identity.

Opening doors to a World of Opportunities.

October 2016

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



Looking Ahead!

Nov. 2— Renaissance
Field Trip

Nov. 3— Stem Night

Nov. 15—
International Opp.
Night

Nov. 19— Phoenix
Fest

Nov. 23-25— Thanks-
giving Holiday

Sun	Mon	Tue	Wed	Thu	Fri	Sat
2	3	4	5 ISSN Visit— Asia Society	6	7 College and Career Day	8
9	10	11	12  Fall Holiday— No School	13 Senior Financial Aid Night	14 Blood Drive	15
16	17  Senior Chick-Fil-A Night	18	19 PSAT	20 Class Pictures Hispanic Heritage Program 6:00-7:30pm	21	22
23	24	25	26 Senior AVID Meeting	27	28  Halloween Dance	29
30	31					