

The Houston Academy for International Studies



What's Happening at HAIS the week of December 2, 2013



In Science, Technology, and Math this week:

In Algebra 1 this week, students will solve systems of linear equations using elimination.

In Math Models this week, students will use systems of equations to determine a break-even point.

In Algebra 2 this week, the students will review for a test on Chapter 3: Systems of Linear Equations and Matrices and will learn to perform matrix operations on the calculator.

In Engineering Math this week, students will calculate valuations for their inventions for their "Shark Tank" presentations.

In Pre-Calculus this week, the students will apply algebraic and graphical tests for symmetry about the x axis, the y axis, and the origin.

In AP Calculus this week, students will complete their motion packet and work on anti-derivatives.

In AP Statistics this week, the students will design and diagram experiments.

In Pre-AP Biology, students will analyze and evaluate how natural selection produces changes in populations, not individuals.

In Pre-AP Chemistry, the students will use the law of conservation of mass to write and balance chemical equations. The students have to complete their "Naming/Formula" booklets, 2nd six weeks project, by Friday, December 6th.

In AP Biology, students will compare the structure of viruses to cells, describe viral reproduction, and the role of viruses causing disease.

In AP Chemistry, the students will learn about states of matter, intermolecular forces, and review for their CHEM 1411 final exam.

In Engineering DPS, students will have an opportunity to give input on what types of questions will be on the final.

In Physics, students will review momentum and impulse and learn about work and energy.

In Scientific Research and Design, students will make final revisions to their projects and documents for the SECME competition on Saturday, December 7.

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

In World Geography, students compare world religions.

In Debate, students will research updates for the next tournament.

In Government & Economics, students will review the effects of Judicial Review.

In US History, students will review the US Constitution.

In MUN, students will research the effects of migrant workers on their host country's economy.

In AP World History, participate in a Graded Discussion on the Columbian Exchange.

In English I students will learn about dystopian literature and collectivism.

In English II students will learn how to compile research.

In Business English students will learn SAT vocabulary.

In AP Language students will learn tone word vocabulary.

In AP Literature students will learn about the research process.



Opening a world of opportunities.

H I S D

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December 2013						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 STAAR EOC Retest	3 STAAR EOC Retest	4 STAAR EOC Retest	5 STAAR EOC Retest	6 HUDL Tournament Sam Houston HS	7 HUDL Tournament Sam Houston HS
8	9 HCC Finals	10 HCC Finals	11 HCC Finals	12 HCC Finals	13 HCC Finals	14
15	16	17 HAIS Finals	18 HAIS Finals AFS-BP Scholarship Application Due	19 HAIS Finals AFS-BP Scholarship Application Due	20 HAIS Finals NO late Arrival HAIS Applications Due	21
22	23 Winter Holiday: No School	24 Winter Holiday: No School	25 Winter Holiday: No School	26 Winter Holiday: No School	27 Winter Holiday: No School	28
29	30 Winter Holiday: No School	31 Winter Holiday: No School				