

# The Houston Academy for International Studies



What's Happening at HAIS the week of January 20, 2014



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

In Algebra 1, students will simplify polynomials by adding, subtracting, and multiplying.

In Algebra 2, students will solve quadratic equations by finding square roots and completing the square.

In Precalculus, students will examine the properties of the graphs of functions

In AP Calculus, students will be learning the anti-derivative of natural log functions and continue their work with u-substitution.

In AP Statistics students will finish their study of conditional probability and begin working with discrete and continuous random variables.

In Pre-AP Biology, students will compare characteristics of taxonomic groups including archaea, bacteria, protist, fungi, plants, and animals.

In AP Biology, students will describe and compare the structures of bacteria and viruses to cells.

In Pre-AP Physics, students will begin learning about the laws of thermodynamics. They will also take CBA#7 which covers the Law of Universal Gravitation.

In Scientific Research and Design, students will select projects and create schedules for the TSA Regional Competition on February 20.

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

English I students are finishing *Anthem* and discussing major themes.

English II students are reading *Ender's Game* and maintaining a weekly study guide for weekly homework checks.

Business English students are working on framing quotations and using SAT rubrics.

AP Language students are reading "Me Talk Pretty One Day" and beginning rhetorical analysis essays.

AP Literature students are finishing *Frankenstein* and preparing for a vocabulary assessment in addition to a practice multiple choice section.

In World Geography, students will be analyzing political systems. They will also be evaluating strengths and weaknesses of different types of government.

In Debate, students will be learning about Counter-Plans and Rhetorical Devices.

In Economics, students will be learning about the Supply Curve.

In US History, students will be learning about the Cold War in Asia.

In MUN, students will be continuing a simulation by working on draft resolutions.

In AP World History, students will be analyzing the Atlantic Revolutions and their implications.

### Reminders:

**NO SCHOOL January 20th in honor of Dr. Martin Luther King.**

**Intramural Basketball and Soccer season have begun! Check the Calendar for game schedule.**

**National School Choice Week Kick-Of Celebration at Minute Maid Park @ 5PM. It's a Free Family Event!**



Opening a world of opportunities.

H I S D

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| January 2014 |  |   |                         |  |   |  |
|--------------|--|---|-------------------------|--|---|--|
| Sun          | Mon  | Tue   | Wed                     | Thu  | Fri   | Sat  |
|              |  |   | 1                       | 2  | 3   | 4  |
| 5            | 6  | 7   | 8                       | 9  | 10  | 11   |
| 12           | 13   | 14  | 15                      | 16   | 17<br>Basketball Game at Debakey 4:30<br>HUDL Debate Tournament                                       | 18<br>HUDL Debate Tournament   |
| 19           | 20<br>MLK Jr. Holiday<br>No School           | 21<br>HAIS Welcomes Principals from Beijing, China<br>HAIS Science Fair | 22<br>HAIS Science Fair | 23<br>Students arrive from Los Angeles                                       | 24<br>School Starts at 9 AM<br>Basket ball Game at Ryan vs. YMCPA/ YWCPA 4:30<br>Grade Level Awards   | 25<br>National School Choice Week Kick-Of Celebration Minute Maid Park @ 5PM Free Family Event |
| 26           | 27<br>MUN NYC Trip Parent Meeting at 4:30 PM | 28  | 29                      | 30<br>Soccer Game at Mason 5 vs. Debakey 4 PM<br>Houston Area MUN Conference | 31<br>School Starts at 9 AM<br>Houston Area MUN Conference Basketball Game at Ryan vs. East ECHS 4:30 |  |