

The Houston Academy for International Studies



What's Happening at HAIS the week of February 2, 2015



In Science, Technology, and Math this week:

Biology: students will finish lesson on "Biological Processes" and begin learning body systems.

AP/Dual Credit Biology: students will take their first lecture exam for the semester over genetics, and genetic populations.

AP Physics: students will begin lesson on rotational motion.

Physics: students will wrap up the chapter on Temperature, Heat, and Thermal Energy and calculate problems on specific heat and the first and second law of thermodynamics.

Science R&D: students will learn about Electric Circuits and appliances in the home, research power generation, and conservation of energy.

Chemistry: students will learn about acids and bases, their reactions, and will complete a "pH Analysis" lab.

AP/Dual Credit Chemistry: students will learn about kinetics of chemical reactions, and will take their first lecture exam.

Algebra 1: students will graph and analyze quadratic functions.

Algebra 2: students will apply properties of logarithms.

Geometry: students will apply the Pythagorean Theorem and its converse to Right Triangle Trigonometry.

Pre-Calculus: students will use Exponential and Logarithmic Functions to solve problems of radioactive decay and the cooling of heated bodies.

AP Statistics: students will be assessed on Randomness and Probability and begin their investigation of Sampling Distributions.

AP Calculus: students will calculate and apply integrals.

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

English I: students are revising their STAAR-style essays, analyzing characterization in *A Raisin in the Sun* through a comparison between the text and the film, and beginning Act I, Scene 2.

English II: students are creating Prezis for their research on an argumentative topic and presenting their findings and argument in class.

Business English: students are reading from Sir Arthur Conan Doyle's *The Adventures of Sherlock Holmes*. They are learning to determine the meanings of vocabulary words in the context of their reading, to make inferences about characters, and to determine the importance of descriptive detail.

AP Language: students are researching and discussing articles dealing with topics related to their contest essays. Students are also learning to recognize understatement and hyperbole in written texts, and to use these devices in persuasive speech.

AP Literature: students are continuing their reading and analysis of *Frankenstein* and responding to philosophically driven questions.

AP Human and World Geography: students will be studying political systems and taking chapters 7 and 8 quiz.

AP World History: students will be analyze the causes and effects of the Reformation.

Model UN: students will create country background guides in preparation for National High School Model UN New York.

U.S. History: students will test for Test #6, Great Depression and New Deal Era followed with an introduction to the World War II generation.

Economics: students will be analyze the role of businesses in the free enterprise and media. Additionally, students will compare and contrast business models and evaluate the credentials of model businesses.

Opening a World of Opportunities.



HISD

February 2015

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February 13th is the
Chinese Lunar New
Year Celebration!

REPORT CARD DAY
IS FRIDAY,
FEBRUARY 20TH.

English and U.S.
History Tutorials
available Saturday
mornings!

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3 HAIS Soccer (Boys & Girls) vs. Sharpstown @ Sharpstown, 4:00 pm	4 College Chat: UT-Tyler @ 11:30 am (Go Center)	5 College Chat: Univ. of New Mexico @ 11:30 am (Go Center)	6 School starts at 9:00 am HAIS Soccer (Boys & Girls) vs. Challenge @ Mason Park #4, 4:00 pm	7 Saturday Tutori- als (English & U.S. History) and APEX Lab Open
8	9	10 College Chat: Georgia State @ 11:30 am (Go Center) HAIS Soccer (Boys & Girls) vs. Carnegie @ Mason Park #6	11 College Chat: UH-Clear Lake @ 11:30 am (Go Center)	12 College Chat: Grambling State @ 11:30 am (Go Center)	13 CYCLE 4 ENDS School starts at 9:00 am HAIS Soccer (Boys) vs. North Early @ Mason Park #5, 6:30 pm	14
15	16	17 HAIS Soccer (Boys & Girls) vs. East Early @ Mason Park #5, 4:00 pm	18	19	20 EARLY DISMISSAL School starts at 8:15 am HAIS Soccer (Boys & Girls) vs. SW Charter @ Mason Park #5, 4:00 pm	21 Saturday Tutori- als (English & U.S. History) and APEX Lab Open
22	23	24	25	26 College Chat: Fisk Univ. @ 11:30 am (Go Center)	27 School starts at 9:00 am HAIS Soccer (Boys & Girls) vs. Izaguirre @ Mason Park #4, 4:00 pm	28 Saturday Tutori- als (English & U.S. History) and APEX Lab Open