

# The Houston Academy for International Studies



What's Happening at HAIS the week of January 26, 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 begin lesson on Evolution and 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 test over balancing chemical equations, types of solutions and solubility rules. Students will learn about acids and bases.

**AP/Dual Credit Chemistry:** students will learn about kinetics of chemical reactions, and will do a kinetics lab.

**Algebra 1:** students will add, subtract, and multiply polynomials.

**Geometry:** students will Use Proportionality Theorems to solve problems and Perform Similarity Transformations

**Pre-Calculus:** students will Calculate Compound Interest and use Exponential Growth and decay to calculate heat transfer.

**AP Statistics:** students will review Probability Rules, Random Variables, and Probability Models in preparation for a cumulative assessment over Section VI, Probability.

**Algebra2:** students will graph and use exponential growth/ decay functions.

**AP Calculus:** students will calculate and apply integrals.

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

**English I:** students are reading Act I, Scene 1 of *A Raisin in the Sun* and learning how to construct and score STAAR-style essays.

**English II:** students are researching the influence of the government on people's personal lives and presenting their findings to the class.

**Business English:** students are learning how to effectively use examples from literature in argumentative essays, reviewing important guidelines for writing SAT essays, and being assessed on their mastery of SAT-level vocabulary words. They are also reviewing commonly-tested sentence errors.

**AP Language:** students are peer-revising their opinion essays, reviewing their rhetorical analysis essays, and learning about the types of readings and questions that they are likely to encounter on the AP exam.

**AP Literature:** students are being assessed on their knowledge of *Frankenstein* vocabulary and are continuing their study of the novel.

**AP Human Geography:** students will be creating News Segment videos on ethnic and religious conflicts.

**Model UN:** students will be attending the Houston Area Model United Nations Conference at the University of Houston on January 29 -30. Also parents please attend a meeting in room 102 on Tuesday, January 27 from 4:30 - 5:30.

**AP World History:** students will be studying the Gunpowder Empires and practicing document analysis for the DBQ essay.

**U.S. History:** students will analyze the remedies proposed by FDR's New Deal programs and review for Test #6 scheduled for Monday, February 2nd.

**Economics:** students will be analyze the costs and benefits of businesses, items, lifestyles, products, projects, and stores. Additionally, students will evaluate the role of consumerism.

Opening a World of Opportunities.



HISD

## January 2015

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February 13th is the  
Chinese Lunar New  
Year Celebration!

Model UN:  
Parents please attend  
a meeting in room  
102 on Tuesday,  
January 27 from  
4:30 - 5:30.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5 Teacher Preparation Day	6 First day of Spring semester	7	8	9 <b>EARLY DISMISSAL</b>  School starts at 8:15 am  HAIS Basketball vs Carnegie @ Carnegie H.S. (4:30 pm)	10
11	12	13	14 College Chat: Univ. of Texas MD Anderson Ctr. (Go Center)	15 BP AFS Travel Scholarship Due	16 School starts at 9:00 am	17 HUDL Debate Tournament @ Yates H.S.
18	19 MLK HOLIDAY No School	20 HCC Classes Begin  HAIS Soccer (Boys & Girls) vs. Izaguirre @ Mason Park #6	21 College Chat: Texas Southern Univ. (Go Center)	22 College Chat: Sam Houston State Univ. Go Center)	23 School starts at 9:00 am HAIS Basketball vs. East Early @ BCM Ryan M.S. HAIS Soccer vs. LECY @ Mason Park #6	24 Saturday Tutori- als and APEX Lab Open
25	26	27 Parent Meeting for MUN NYC at 4:30  PTO Meeting at 5:30	28 College Chat: University of Houston (Go Center)	29 College Chat: Lamar Univ. (Go Center)	30 School starts at 9:00 am HAIS Basketball vs. DeBaKey @ BCM Ryan M.S. HAIS Soccer vs. Eastwood Acade- my @ Mason Park #4	31 Saturday Tutori- als and APEX Lab Open