

The Houston Academy for International Studies



What's Happening at HAIS the week of November 7, 2016



In Science, Technology, and Math this week:

Geometry students will use inequalities to make comparisons in two triangles.

Pre-Calculus students will find the complex zeros of a polynomial.

AP Calculus students will use implicit differentiation to find the derivative of an inverse functions.

In Geometry students will Prove Triangles Congruent by SSS, SAS, ASA, AAS, and HL.

In Algebra II students will Graph Quadratic Equations in Standard and Vertex Forms and Solve Quadratic Equations by Factoring.

In Statistics students will begin the study of Probability by learning to Use Random Numbers to Simulate Problem Situations.

Students in Biology will describe the stages of the cell cycle, including DNA replication and mitosis, and the importance of the cell cycle to the growth of organisms.

Algebra I students will perform function analysis and make predictions using regression.

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

Students APUSH will identify, trace, analyze, and evaluate why the Old South chose to secede in 1860.

In English I, students will continue working on grammar and begin working on their first expository essay!

In MUN, students will move on from human rights to specifically the rights of children.

Huzzah! This week the ELA class will be drawing on their recently completed knowledge of Macbeth, and the Renaissance time period to produce a short show for Act V. Then we'll be moving onto work with themes, and symbols as we plan, and draft Macbeth Essays. Finally, students will be putting themselves in the shoes of their recently written characters to begin writing a monologue.

Our gentle lords and ladies were mystified by the wonder of the Renaissance Festival last week. In the coming weeks we will take what was seen and relate it to the Calamitous 14th Century and how the "Dark Ages" gave way to the light during the Renaissance Era. Be ready to be enlightened by the ideas of how science, math and politics changed and the impact that those changes had on the world. Also mark Nov. 15 on your calendar as Humanities Night, a celebration of the humanities and their impact on our students.

Students in AP Human Geography will explain the concepts of political power and territoriality and the structure of the contemporary political map.

Opening doors to a World of Opportunities.

November 2016

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Looking Ahead!

Dec. 19– Jan. 3–
Winter Holiday
Break

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1 Class Pictures Early Voting Trip	2 Renaissance Field Trip	3 STEM Night Tech Conf. Application due!	4 Basketball Game	5
6	7	8	9	10 Volleyball Game	11 Basketball Game	12
13	14	15 International Opp/ Humanities Night 8th Grade Open House	16	17 Volleyball Game	18 Basketball Game	19 Phoenix Festival
20	21	22 Senior Avid Mtg.	23 No School 	24 Happy Thanksgiving 	25 No School 	26
27	28	29	30 Senior Avid Mtg.			