

Monday, January 8, 2018

## English



⇒ **Pre-AP English I:** Students were instructed to read *Animal Farm* during Winter Break. This week students will begin unpacking chapters 1-2. Students have a vocabulary quiz on Friday, January 12.

⇒ **Pre-AP English II:** Students will be diving into dystopian fiction.

- ⇒ **English III (Morton):** Students will continue reading and analyzing *Grapes of Wrath*, a novel about the Great Depression and the Dust Bowl.
- ⇒ **AP/Dual Credit Language and Composition:** Students will practice rhetorical analysis and media analysis as a follow-up to last semester's unit on pop culture.
- ⇒ **AP/Dual Credit British Literature:** Students will learn about the sonnet form and practice poetry analysis, as well as literary analysis writing.
- ⇒ **Business English:** Students will begin working on their college admissions personal narrative essays. They will also learn about revision and publication options for their Creative Writing Projects from last semester. Students will also begin studying the Second Hundred Frequently Tested SAT Words.

## Math



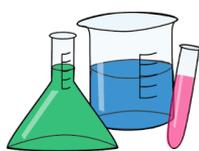
⇒ **Algebra I:** Students will review polynomial operations and learn division of polynomials.

⇒ **Algebra II (Polley):** Students will classify and transform quadratic functions.

⇒ **Algebra II (Baker):** Students will review polynomial operations and learn Pascal's Triangle.

- ⇒ **Geometry (Polley):** Students will demonstrate when figures are congruent.
- ⇒ **Pre-Calculus (Kim):** Students will find the exact values of the trigonometric functions using the unit circle.
- ⇒ **Pre-Calculus (Baker):** Students will review polynomial operations and learn Pascal's Triangle and the Binomial Theorem.
- ⇒ **AP Calculus:** Students will use the Fundamental Theorem of Calculus to evaluate definite integrals.
- ⇒ **AP Statistics:** Students will use the sampling distribution model for a proportion to calculate probabilities.
- ⇒ **College Algebra:** Students will use linear, rational equations, and inequalities to solve problems.

## Science



⇒ **Pre-AP Chemistry:** Students will review the mole concept by converting moles to mass, mass to moles, moles to particles.

⇒ **AP Biology:** Students will review cellular reproduction and cellular division.

- ⇒ **AP Physics:** Students will study momentum.

## Social Studies



⇒ **AP Human Geography:** Students will watch a documentary about immigration and analyze the consequences of various immigration policies.

⇒ **AP World History:** Students will study the transformation of Europe at the start of the 1400s.

⇒ **US History (Morton):** Students will identify the changes in American society following World War II.

## Fine Arts, CTE, LOTE, PE



⇒ **Model United Nations:** Students will workshop their position papers for the VBISMUN and NHSMUN conferences. Students not attending either conference will begin writing background guides for upcoming simulations while the VBISMUN conference takes place at the British International School of Houston on Thursday/Friday. See further details regarding the conference in *HAIS Happenings* below.

- ⇒ **Principles of Applied Engineering:** Students will begin "Basic Electricity and Electronics: Module 1."
- ⇒ **Theater Arts I:** Students will be warming up with drama basics.
- ⇒ **PE:** Students will be introduced to rules and grading procedures. They will also receive lockers and participate in get-to-know-you activities.

## HAIS Happenings



⇒ Reminder to all students attending the **VBISMUN Conference** this week: On January 11, we will depart at 12:00 PM and return by 10:00 PM. On January 12, we will depart at 8:00 AM and return by 6:00 PM. Drop off/pick up will be from HAIS. Please see Ms. Devaney or Ms. V. Williams if you have not turned in your permission slip and/or paid. Thank you!

- ⇒ **Report Cards** go home on Friday, January 12.
- ⇒ Come support **HAIS Basketball** at our next game on Friday, January 12 at 6:15 PM against Houston Can Academy HS @ Carnegie Vanguard HS!
- ⇒ There will be **no school** on **Monday, January 15** in observance of Martin Luther King, Jr. Day.
- ⇒ The Student Council meeting originally scheduled for this week has been rescheduled. Instead, **Student Council** will hold its next general meeting on Thursday, January 18 from 3:30-4:30 PM in Room 204.
- ⇒ See attached **calendar** for more upcoming events!