



High School Newsletter

ENGLISH I/II/III/IV, AP LITERATURE & COMPOSITION

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English I/ AP Lit - English I students are still in Unit 5, working on their argumentative texts and rhetorical analysis. On-level students completed their Fallacies Game board and Advanced students will be presenting their TED talks later this week. We're excited to be able to develop our skills further as we strive for mastery in this unit. **AP Lit** students have been writing Q1 and Q2 essays and will continue to practice their skills into February.

English II - In English II, we will be reading & writing argumentative texts, and analyzing them on a deeper level. We will incorporate research and creative projects into our learning.

English III/IV - **ELAR III** will be creating and presenting a slideshow comparing and contrasting the historical fiction book with the non fiction book they have just finished. They will analyze the Authors Purpose, Evaluate the Use of facts vs. imagination, Compare character development vs. historical figures, and examine themes and ethical dilemmas. **ELAR IV** will be Making Connections Across Texts with Rhetorical and Literary Analysis

Algebra I/II, Geometry, PreCalculus, Statistics:

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Algebra I / II - **Algebra I** : We are multiplying binomials to get trinomials. We are factoring trinomials into two binomials. **Algebra II** : We are finding the inverses of functions. We are also finding the domain and range of functions and their inverses.

Geometry / Algebraic Reasoning - **Geometry**, just finished the Unit of Right Triangle Relationship. Our next Unit is the on the relationships of Circle , including radian measure and equations of circles. **Algebraic Reasoning** will be working on Quadratic Functions.

Precalculus/ Stats/ Algebra II - **Precalculus**: Exponential and logarithmic functions and equations. Then, beginning of Trigonometry. **Algebra II**: Students will be working on exponential Functions and Equations. Then, beginning square root functions and equations. **Statistics**: Finishing Unit 5 Introduction to Probability and beginning Unit 6 Discrete Probability.

World Geography, World History, AP World History:

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World History - **World History** students have been studying the Renaissance and Reformation eras in Units 6 and 7. They are being challenged to achieve a class average score of 85% or higher on the unit test.

US History / Economics and Govt. - This month the **US History** Classes will be starting the Wonders of Tomorrow Project, focusing on the visions of the future during the Cold War. The **Economics** Course is currently working on their Island Civilization Project, based on surviving on islands in different parts of the world. The Government Class continues with its Governor of Texas Project, and following up on last months memorization assignment on the Greek Victory at Thermoplye, will be reciting memorization assignments from LPS Motto and sections of the Declaration of Independence

World Geography /AP World History - **w. Geo** will do a PBL on the European Union and explore the economic aspect of the union through their currency the euro, also how European cultural traits shaped the EU and relations with other countries and how the recent migrations into Europe have caused governments to address issues their populations felt were ignored, for example Brexit. **AP WH** will be completing Unit 5 Revolutions and Nationalism 1750-1900 and heading into Unit 6 Consequences of Industrialization 1750-1900. They will complete a PBL on their favorite topic of the Industrial Revolution. They will also start the Final 80 days before the Final Exam on May 8th.

Chemistry, Physics, Forensics, Biology, AP Bio

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Chemistry/Physics - Chemistry :We will finish our **Final Assignment** for the Periodic Table and then start our unit on **Chemical Bonding**. We will predict between elements based on periodic trends; analyze the properties of ionic, covalent, and metallic substances and classify and draw electron dot structures for molecules as explained by VSEPR theory.

Physics : Students are working on finishing their **Catapult Project**. After this we start our **Energy Unit** where we will calculate and explain work and power in one dimension, identify when work is and is not done, investigate and calculate mechanical, kinetic, and potential energy of a system, and apply the concept of conservation of energy.

Physics/ Forensics - Forensics - we will be completing the unit on interrogations and techniques. We will then begin our unit on BONES. **A and P** - we are completing our unit on BONES without skeletons. We will then begin our Unit on Respiration. **Physics** - we are completing the unit on the physics timeline. We will then begin the unit on Vectors and go back to projectile motion and universal gravitation.

Biology/ AP Bio- On-level and Adv Biology: This month we will be covering the Interactions in Body Systems, Meiosis, and Reproduction. The Body Systems unit will include a project. They will have several choices of displaying their learning for exhibition night.

Electives



Art, Spanish, Computer Science, Leadership, Family and Community Service, Practicum of Entrepreneurship, Theatre, PE:

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Art I/II/III/IV -Art I : Art will be starting on clay work the next two weeks and students will be demonstrating mastery in clay techniques.

Computer Science -. **AP Computer Science** :For February we are working on Inheritance. In this unit students will continue creating objects and calling methods on the objects created. We will learn how to extend classes by creating superclasses and subclasses. We will learn the common attributes and behaviors that can be used in superclass and will then create a hierarchy by writing subclasses to extend a superclass. **Comp Science II** : For February we will be finished up our unit on Classes and Object-Oriented Programming. In this unit we have learned how objects store data and interact with each other in Java. Students will design and implement classes and extend classes using inheritance. We will then begin our unit on data structures, in this unit we will learn basic data structures in Java including arrays, ArrayLists, 2-D arrays and HashMaps. In **Computer Science I** : We will begin working on CMU and extend our python knowledge. We will start by learning how to create drawings, learning different shapes and coloring. At the end of the unit the students will use what they have learned to make a creative task.

Leadership - **9th grade Leadership** will participate in mock interviews on February 18, where they will gain real-world experience by dressing professionally and practicing essential interview skills. In preparation for Student-Led Conferences on February 20, students will also continue working on their Xello Leadership Portfolios to showcase their growth and achievements. These opportunities help students develop confidence, professionalism, and leadership as they prepare for their futures.

Family and Community Service/ Practicum of Entrepreneurship - The students will be focusing heavily on two major grades in February. First one is the Student Led Conferences and the second is working on their Defense of Learning. **POE** : The students will be working on their Senior Presentation rough draft quite a bit in February. We will also be covering finances in our personal and professional lives.

Spanish I/II - In Spanish, students will be focused on telling and writing their stories, recalling events from the past. These events will end with the presentations of these stories at the end of February.

PE - We will be learning the game of golf this week. Basketball and volleyball will be the weeks following. We still plan to incorporate our mile Monday and workout Wednesday.

Theatre - Students are working on their designers project where they have become the production team (the designers) for the Spring Musical: High School Musical. They are working in groups of prop designers, lighting designers, costume designers and set designers to analyze what is necessary for the production and what will be needed for its success.

ASL - ASL students are focusing on improving their fluency in signing. They are currently working on a 'Conversation with Friends' video project, which reflects their experiences this year in their current grade and their excitement for the upcoming year.

Reminders/Important Info

- **The Art fee** is due. Please make sure you have checked your student's MySchoolBucks account and that this is paid so that we can ensure they have all the materials they need to have a fun and creative semester!
- **Track and Field** Track practices have begun. They are Mondays, Tuesdays, and Wednesdays from 4:45-6pm at Pearson Middle School.
- **Leadership** : Student Led Conferences 2/20
- **Lost and Found** is full! Please have your students check for lost items ASAP!



SENIOR SNAPSHOTS



Uniform Expectations

Shirts (5th -12th) : Short and long sleeve shirts must be white, navy or forest green collared shirts. High school students may also choose a black collared shirt. Shirts must be solid in color with no insignia or logos except for the LPS logo. If a long sleeve undershirt is worn under a short sleeve shirt, it must be solid white, navy or forest green.

Pants : Pants and shorts for all students (and capris for girls) are to be khaki-colored or navy and made of cotton twill material (no yoga, cargo, joggers, or athletic-type pants). A solid black or brown belt must be worn if there are belt loops. Shorts may not be no more than 2 inches above the knee. Pants are to be worn at the natural waistline and hems of pants must not touch the floor.

Skirts : Girls may also wear khaki or navy skirts/skorts. The length must be **no shorter than four inches** above the knees, and **solid navy modesty shorts are to be worn underneath skirts/skorts/ at all times.**

Outerwear : Sweaters, sweatshirts or jackets worn indoors must be in keeping with the school's color scheme (solid white, navy or khaki [or forest green in grades 5 and up]) or black or gray. They must not have any lettering or logos other than the LPS logo. No outerwear with hoods will be allowed to be worn indoors (Hoodies are not allowed). Spirit crew neck sweatshirts may be worn with uniform shirt collar visibly worn outside of the sweatshirt.

Shoes : Shoes must be worn at all times. Only closed-toed, closed-heel shoes with non-marking soles are allowed. Shoes must be predominantly white, black, brown, grey-or navy (can be athletic, loafer style, or dress shoes). Shoes with shoelace holes must have shoelaces. Shoelace color must be white, navy or neutral and in good repair. No flip-flops, sandals, slippers, clogs, crocs, wheelies, light up shoes, platform shoes, wedges, or boots of any kind are allowed. Tennis shoes must be worn in PE. Heel height shall not be more than 1 inch.

