

JHW Inspire Academy- Hays Campus Newsletter

Six Weeks Theme: Building Our Future

Volume 1/ Issue 2



Science

In the biological sciences we have been investigating how our bodies use energy within our cells. This process is known as cellular respiration. Students have learned what our bodies require in order for cells to use the glucose that provides the energy needed for all body functions. We have also investigated the process of photosynthesis. Students have learned that this is the opposite of respiration. In photosynthesis, the energy of the Sun is used to create organic molecules, while in cellular respiration we release the energy captured in the molecules created during photosynthesis.

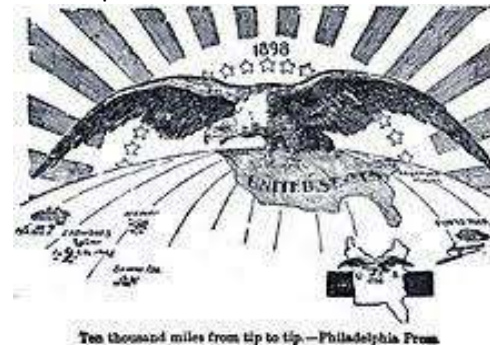


In the coming weeks we will be exploring how our bodies maintain balance, both as organisms and at the cellular level. We will be experimenting using eggs with the shells removed. The students can observe the visual evidence as substances move in and out of the membrane. It is amazing to watch!

History

Students spent the first three weeks investigating the Progressive Reform Movement in the United States between 1889 and 1919. They found that the impact of Industrialization on cities and citizens was not always good. The reforms resulted in a new role for government and the addition of four new Amendments to the constitution. The students learned the importance of the 16th, 17th, 18th, and 19th Amendments. The government took on the task of breaking up illegal monopolies and making labor reforms including better working conditions, shorter workdays, and better wages. The government took on social issues such as clean water, cleaner cities, and building requirements for tenements and created the Food and Drug Administration.

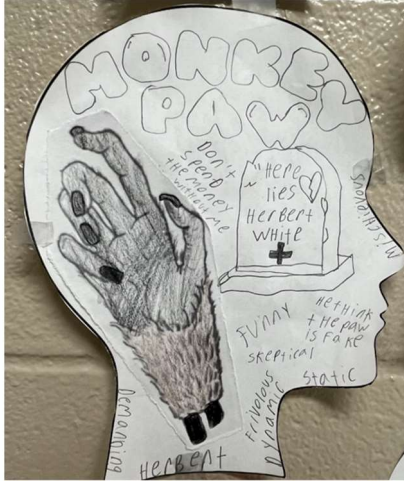
Along with industrialization came Imperialism and the acquisition of new territories due to American involvement in the Spanish American War in 1898. Students are



currently learning the reason for U.S. involvement in World War I. The students are becoming quite good at identifying cause and effect!!

English

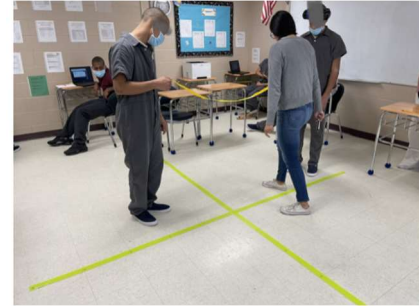
These past six weeks in English class have been extremely busy. The students have been working diligently on analyzing different types of literary texts. Since it's October, we started off by working through our "Horror" unit. We read a piece that explained what horror is, then looked at different subgenres of horror. We ended the unit reading "The Monkey's Paw" and using the text to analyze character types.



We recently moved from our Horror unit to our Poetry unit. Our plan is to read poems from Tupac, read some haikus, and then write our own poems. We've been working super hard and are excited for the future!

Math

The students have been working very hard in math this past six weeks! We've incorporated multiple games to help students understand linear equations. We played "Among Us" in order to learn how to plot linear equations. I set up a huge graph on the floor in the classroom in which the students would move to their plot points and mark their spots. The students really enjoyed being able to physically plot points. This activity helped them develop a deeper understanding of how to use linear equations to plot points on a graph.



We're quickly moving towards the end of our second six weeks, and we're excited to keep learning! In our next unit we will be working on applying linear equations to different real-life situations.

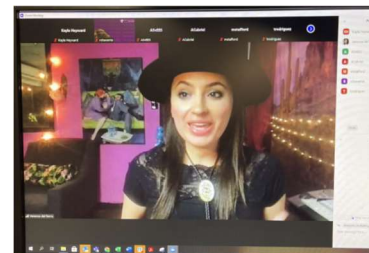
Short Term

Breaking News from Short Term: Students continue to work on their core subjects in Edgenuity. They are also able to work on Science Starters and Studies Weekly. In Math, the students are learning about perpendicular and parallel lines. In Science, students are beginning to learn about nucleic acid. In Social Studies, students are studying about the Spanish American War. In ELA, students have been working on subjects and predicates.

We were also privileged to ZOOM with constitutional lawyer Karen Lugo on Constitution Day. She gave the students a short synopsis of the Constitution and the Supreme Court. She also told them about the Supreme Court Justices that she has worked with and some of the cases that are coming up. We started Hispanic Heritage Month visiting virtually with Vanessa Del Fierro who has her own all-female Mariachi group, is a songwriter, an actress, and an accomplished Latin singer.



Karen Lugo



Vanessa Del Fierro

Each of our students leaves the program with a completed resume, which is tailored to their skills, experience, and interests, as well as a career assessment to prepare them for their new and promising life outside the facility.

We're ALL IN to reimagine and transform global learning!