



## JICHS Leadership Team Report

15 March 2021

### LEADERSHIP TEAM:

- ❑ The LT has distributed a faculty survey to (1) have a more informed perspective when making decisions & (2) better understand the climate of our school. These results will be discussed among the LT and our response will be shared at the April BoD meeting.
- ❑ The LT has approved revisions to our existing charter document and will submit those to the JICHS BoD for approval. If approved, they will be submitted to CCSD for consideration.

### PERFORMING ARTS:

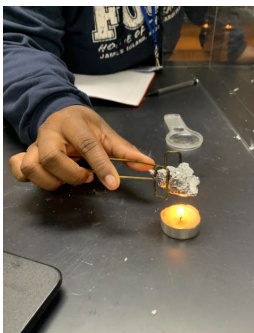
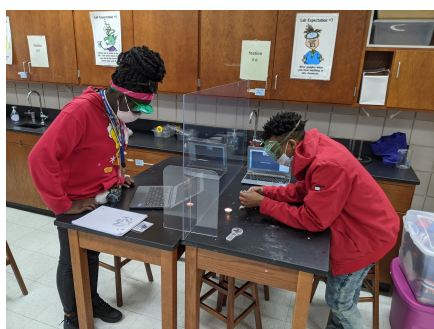
❑

### SOCIAL STUDIES:

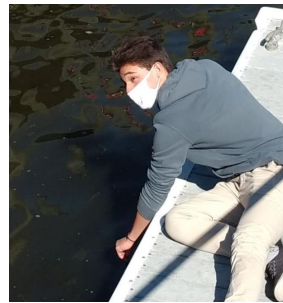
- ❑ **IB Anthropology:** We finished our ethnography on Chernobyl and have moved into one that explores the culture in *El Barrio (NYC)* in the late 1980s and early 1990s. This ethnography is more challenging as it shows us the dirty underside for our own culture, and the problems that our policies and culture can create. In the coming weeks, we will be attending a virtual field trip walking tour through El Barrio, which we will be excited to share with you for your next meeting in April. In the meantime, please check out an essay and a presentation two of our students wrote and created regarding our exploration of the Ukraine and the Chernobyl meltdown from our last ethnography. [Here](#) & [Here](#).
- ❑ **AP European History:** We are learning about Industrialization and the growth of cities during the 19th and 20th centuries. Next week, we will hold a debate about the pros and cons of child labor from the perspectives of people who lived during that era. Some examples can be seen [here](#) & [here](#). This week we also met with former AP Euro students who took full IB or partial IB/AP tracks in their Junior & Senior years to help current AP Euro students determine what type of classes they might want to choose next year.
- ❑ **US History 2nd Semester Courses:** We are moving through the colonization period, learning how the countries along the Atlantic ocean influenced the formation of revolutionary ideas that eventually led to republicanism and federalism in the Americas. At the moment, we are looking at how the first government under the articles of confederation did not solve all of the problems the new country was facing.
- ❑ **US History Year Long Courses:** Students are learning about Progressivism, which was a reform movement in 20th century America. Students why Americans sought reforms for governmental policies during a period of rampant economic inequality.
- ❑ **SS Department Virtual Open House** - Click [HERE](#)

### SCIENCE

- ❑ (*Epps, Reeves*) *Earth Science* students are using technology to bridge the gap between those working remotely and those who are physically present during activities like the rock cycle lab. In this lab, students put a sugar cube through the wringer to demonstrate some possible pathways rocks take over millions of years.



- ❑ *(Lyles) IB Biology HL Year 2* We are in our FINAL unit of instruction before beginning to review for the IB exam in May. This group of students have been with me for 2 years and have learned a lot of Biology! Our final unit is a tough one. Students created visual representations of cellular respiration based on IB style questions. Students worked Wednesday in breakout rooms to present their work to each other. Afterwards, each student emailed Mrs. Lyles with 1 positive and 1 improvement for 2 of their classmates' work. Samples of their work are linked below: [Sample 1](#), [Sample 2](#), [Sample 3](#)
- ❑ *(Evans, Schoen, Barrett)* In *Honors Biology* the students are moving into a new unit where they will focus on cell transport and cell division. The students will also be participating in planting marsh grass here at the school. Virtual students will be choosing and designing their own plant experiment to carry out over the course of the semester. All classes will also be taking part in the egg osmosis lab.
- ❑ *(Evans) Marine science* students went to DNR-Fort Johnson earlier this week to collect plankton and identify species under the microscope. The students also discussed with DNR staff the importance of plankton and of monitoring plankton in our local marine ecosystems.



On Thursday the students met once again at DNR to help plant smooth cordgrass into small pots. These will be transplanted later in the spring season to the marsh to help restore damaged salt marsh ecosystems.



- ❑ *Reeves (CP Biology)* Students took time during class to enjoy the fabulous weather and draw models of plant and animal cells with chalk on the sidewalk outside the science building!



- ❑ *Lyles (Biology 2)* Students performed an experiment with slime molds to test for characteristics of living organisms. Slime molds are members of Kingdom Protista. They have no brain or nervous system yet they can navigate mazes to find food. The links below show a timeline of 9 days of slime mold growth. Oats were placed on the agar as a food source.



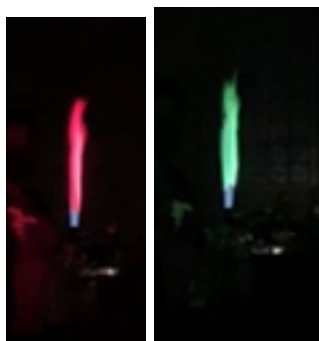
### [Slime Mold Timeline 1](#)

### [Slime Mold Timeline 2](#)

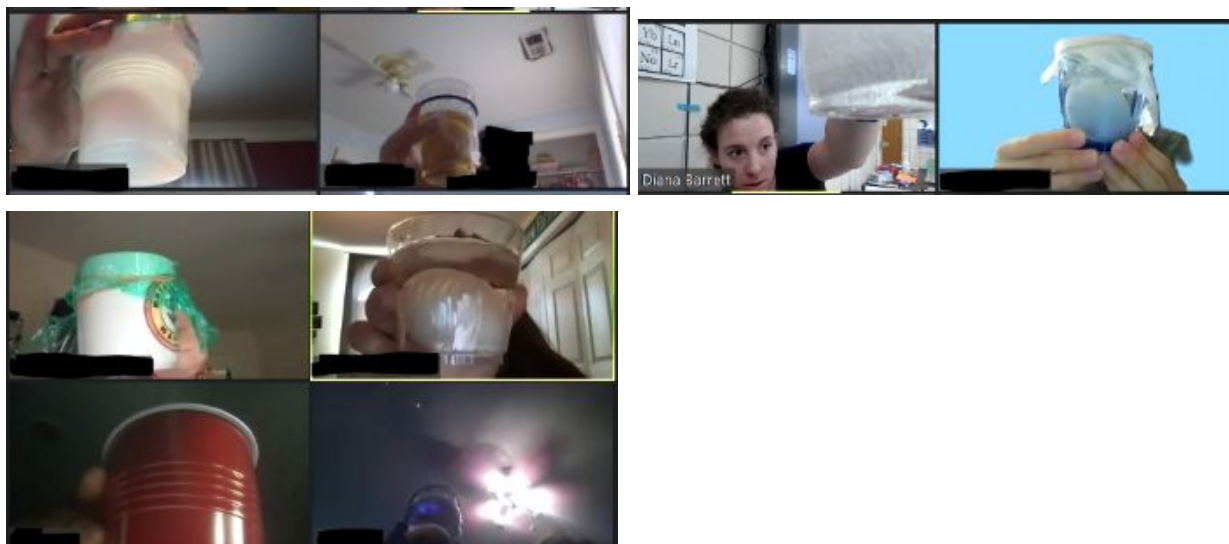
- ❑ *(Lyles) Biology 2* students cultured bacteria and then performed gram-staining to identify the bacteria as either gram positive or gram negative. This is a common test used in microbiology labs to help with bacterial identification. Students also took pictures of what they were viewing under the microscope.



- ❑ *(Barrett) H Chemistry* - being virtual didn't stop these chemistry students from being able to identify emission spectrums of elements. Early last week students observed the different "fingerprints" of elements and then were able to identify those same elements based on the colors they saw during the flame test!



- ❑ *(Barrett) H Biology* - Students started the egg lab today. This lab will span 4 days during which students will take measurements and be able to explain the processes of diffusion and osmosis across the cell membrane!



- ❑ *The Science Department* made this video to highlight the courses and activities that take place in the department every day. The video will be part of the Spring 2021 Virtual Open House  
[Spring 2021 Science Open House Video](#)

## ❑ IB Sciences

Total Students enrolled in IB sciences	Total Seniors Enrolled in IB Sciences
66	24 (there are 5 seniors enrolled in more than one IB science course)
<b>Notable Information</b>	
<u>19-20 School Year</u>	
<i>AP/IB Chemistry and IB Biology HL Year 1</i> - Sophie Bartosh, Andrew Farell, Matthew Grenier and Camp Hagood. All earned qualifying scores on the AP and IB Chemistry May 20 exams	
<i>HR Forensics and HR Physics</i> - Andrew Levy (enrolled in IB science 20-21 school year)	
<u>20-21 School Year</u>	
<i>AP/IB Chemistry and IB Biology HL</i> - Katelyn Wyandt (IB Bio Year 2), Claudia Baicu (IB Bio Year 1)	
<i>AP/IB Physics and IB Biology HL Year 2</i> - Andrew Farrell, Matthew Grenier and Camp Hagood	
<i>IB SEHS (Sports Exercise and Health Science) and IB Biology HL Year 1</i> - Josie Overcash	
<i>IB Biology HL Year 1 and HR Marine Science</i> - Abigail Clum	
<i>IB SEHS and AP/IB Chemistry</i> - Hudson Graham (Chem 19-20/SEHS 20-21). Hudson earned a qualifying score on the IB Chem May 20 exam	
<i>IB SEHS and CP Marine Science</i> - Jackie Rutan	

## LIBRARY:

- ❑ We hosted a Project Lit event along with UBASA and representatives from English & World Languages. The theme was social justice - we celebrated all historically underrepresented populations. The event was student led by Teacher Cadets and UBASA members. Members of the community were invited to participate and to lead discussions on causing Good Trouble.



- ❑ Ms Crumpton collaborated with Mr. Hilyer and helped his students produce StoryBoard presentations to help them with learning vocabulary.
- ❑ Freshman English and Health classes came in for orientation and learned (finally!) where the library was and what services we offer. We offered complementary virtual and in-person sessions for both orange and blue students.



Create your own at Storyboard That

### ROTC:

- ❑ Our ROTC unit had another successful "Curriculum In Action" field trip to the Mighty Eighth Air Force Museum in Pooler, GA, on 2/25/21. Some cadets were able to enjoy a guided tour of the museum while others took a self-guided tour. All cadets learned about how the men and women of the Mighty Eighth Air Force contributed greatly to the Allied victories in the European Theater of Operations in World War II.



- ❑ On 3/01/2021, Trojan JROTC cadets were able to begin to learn and demonstrate the capabilities of one of their newest science, technology, engineering and mathematics, or STEM, teaching and learning tools--the multicopter, or quadcopter--a remote-controlled aircraft propelled by four rotors.
- ❑ The quadcopter was introduced into the Junior ROTC program to modernize the curriculum and invoke excitement by providing an opportunity for those cadets interested to have some "hands-on" fun that supports the aerospace science curriculum of the JROTC classroom. With the older cadets teaching the newer ones, JROTC is letting cadets become teachers themselves.



### WORLD LANGUAGES:



### ENGLISH:

- ❑ Broome: my 10th grade Honors english classes are studying Thoreau and will be reading his essay "Walking" while actually walking around our JI campus today. We will be looking for an outdoor area that we can possibly turn into an amphitheater for our English and Drama classes. We are going to be using our writing skills to obtain a grant in order to get supplies for the amphitheater. Stay tuned for more details.
- ❑ Our literary magazine is being built. This highlights our students as writers. They will be published through Amazon available for purchase in May. We are also collaborating with Visual Arts to pair the writings with images that are artistically aligned.

### VISUAL ARTS:



**IB:**



**GUIDANCE:**



**PE:**



**CTE:**



**SPECIAL SERVICES:**



**GRANTS & ACCOLADES:**

