



JICHHS Leadership Team Report

25 January 2021

LEADERSHIP TEAM:

- ❑ The LT and admin teams have begun to unpack the AVID “standards” and make connections between AVID and other integral initiatives and curricula on campus like IB and culturally responsive teaching.

PERFORMING ARTS:

❑

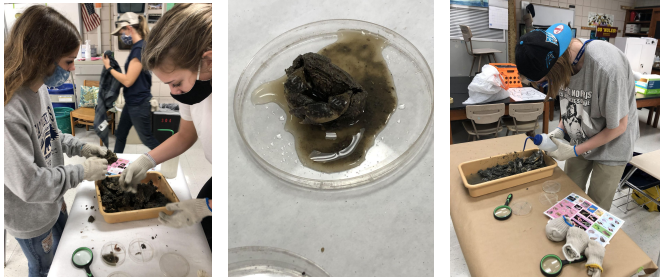
SOCIAL STUDIES:

- ❑ One of our students, Emma Abrams submitted an essay to the [Profile of Courage Essay Contest](#). Emma is one of the top students in the JICHHS Junior class and attends this year via the Virtual Academy. Her [essay](#) on Texas Representative Barbara Jordan reflects the skills she has attained and developed at JICHHS. Please join the Social Studies Department in congratulating Emma on a paper well written and researched. We wish her the best of luck!
- ❑ So far this year Ms. Wakefield has received over \$4,400 in grants and classroom supplies for her classroom.
- ❑ IB Anthropology students have been conducting small fieldwork assignments to apply the content we have been learning in class and to prepare for their IB Internal Assessment due in April, which requires extensive fieldwork. Examples can be viewed [here](#), and [here](#).
- ❑ AP European History students have been learning about the French Revolution and Napoleon. One of our assignments on Napoleon required them to create a timeline on [Storyboardthat](#) (a new resource the SS department purchased for our teachers this month) to describe his rise and fall.
- ❑ AVID students interviewed Dr. Mike, an ER surgeon from LA. He spoke about overcoming a learning disability and an aimless youth by using the support of family and friends to achieve his goals. He explained that there were times that he struggled and that he had to incorporate strategies such as forming study groups and creating detailed timelines in order to reassess his goals. Dr. Mike encouraged students to reach out to their support groups, whatever they looked like, in order to get help and to achieve success. In addition, he spoke about several career paths in the healthcare industry. A student representative was tasked with introducing him and also asked questions posed by students at the end of his discussion. Students practiced listening, attention skills, and note-taking.
- ❑ Law Education had speakers from the Law and Criminal Justice field speak with students over the past month. Students took notes on each speaker's career and then wrote a paragraph explaining which career interested them the most.
 - ❑ Speakers were: SGT Frishkorn (Army National Guard), Ms. Ashley Coleman (Federal Parole Officer), SRO Hamilton (Police officer), Ms. Stephanie Nodine (Immigration attorney), Mr. Dan Boles (Criminal and civil defense attorney)

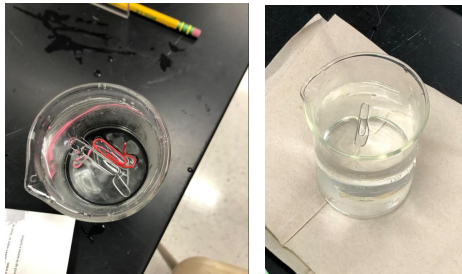
SCIENCE

- (IB Sciences) The IB Sciences hosted an IB Cookie/Snack day for all students taking at least 1 IB course. It was set up on an Orange Day, a Blue Day and will be set up during exams for Virtual Academy students. This event was an effort to allow students to stop by for snacks and take a break from their work day.
- (Lyles) Earth Science had visitors from the SC DNR SCORE Program to discuss the importance of oyster reefs. Students were able to dissect oyster bags to learn about organisms that use these reefs as

home. We had the classroom windows open and there was a great breeze coming in from outside! It was almost as good as being in the marsh.



- (Lyles) Earth Science did a lab to investigate the properties of water. One task was to float a paperclip on the surface of a beaker of water. The students had a great time trying to make this work and one pair was able to get 2 paperclips to float! The first picture shows to the 2 floating paperclips and also includes some paperclips that didn't make the cut! The second picture is from the pair that were able to get their paperclip to float first.



- (Lyles) IB Biology HL Year 2 performed research on micropropagation techniques and made infographics to explain how this works. 2 examples are included here:
[Virus-Free Strains](#)
[Rapid Bulking](#)
- (Lyles) - The books obtained through the Donor's Choose award have come in! We will be using them in the Spring.



- (Lyles) Sgt Frishkorn with the Army National Guard visited Earth Science classes to discuss MREs - nutritional content, use in conflict and natural disasters and the rationale for the types of food that are in each. Students were able to eat their MREs when the presentation was completed.



- (Crawford) - This semester's Forensic Science classes are completing their capstone activity - Learning the basics of the procedure of autopsy and then performing them on fetal pigs in order to gain appreciation for the process as well as expanding their knowledge of comparative anatomy.
- (Evans, Reeves, Lyles) The Best Teacher Grant funds have been received and we purchased a weather station! It will be used with classes this spring.



- (Evans) Marine Science students completed a fish dissection last week and are completing their shark dissection this week. For the fish dissection, Joe Evans, a fisheries biologist for the Department of Natural Resources visited the students to demonstrate the dissection as well as present to the students about his job at DNR.
- (Yannetta) IB Physics students performed a lab: Conical Pendulum. In this experiment, the students measured the speed of an object that comprises a conical pendulum and showed that the net force is centripetal force.
- (Yannetta) IB Physics students measuring the radius of the circle of a flying pig



- (Epps) Integrated science students read *Nyxia* this semester and participated in a Zoom call with the author Scott Reintgen organized in conjunction with the library. We discussed what kind of research Mr. Reintgen did to make his sci-fi novel scientifically sound and then augment that universe with captivating fictional aspects. The students all had their own questions to ask Mr. Reintgen and he was an engaging guest speaker.



- (Lyles) Earth Science finished reading 'The Martian'. This has been a semester long project that has had students learning about the requirements needed for life on a planet, space exploration and the requirements for colonizing Mars.



LIBRARY:



ROTC:

- ❑ On January 14th, after months of delays in equipment delivery purportedly due to COVID, our ROTC unit's new co-curricular air rifle marksmanship team was finally able to conduct some live fire. Marksmanship is a sport. It teaches competitors how to properly aim, control, and fire accurately to hit a distant target consistently. To be proficient, this skill requires concentration, discipline, and patience. Please refer to the following link on the JCHS website for more details:
<https://www.ccsdschools.com/site/default.aspx?PageType=3&DomainID=42&ModuleInstanceID=1352&ViewID=6446EE88-D30C-497E-9316-3F8874B3E108&RenderLoc=0&FlexDataID=26954&PageID=77>
- ❑ On January 16th, ROTC cadets participated in another community service project in support of the Town of James Island. The project required the placement of notice medallions on storm water drains in two neighborhoods--Bayview Farms and Harbor Woods. The medallions serve as a notice that storm drains flow to the waterways and marshes and therefore, not to pollute by pouring liquids or dumping trash into the storm drains. Cadets had to scrub the concrete of the storm drains with a wire brush, then apply adhesive to the back of the medallions and affix them to the concrete.



WORLD LANGUAGES:



ENGLISH:



VISUAL ARTS:



IB:



GUIDANCE:



PE:



CTE:**SPECIAL SERVICES:****GRANTS & ACCOLADES:**

- ❑ This back to school season, Ms. Wakefield joined a team of nearly 1,000 teacher leaders to participate in the DonorsChoose Teacher Ambassador Program. For the remainder of the school year, Ms. Wakefield will be representing your community as a DonorsChoose Teacher Advocate. As a volunteer Teacher Advocate, Ms. Wakefield will be working with teachers across the state and at James Island Charter High School to increase the amount of funding that you are able to unlock from DonorsChoose partners and our network of supporters. The work that Teacher Advocates do is above and beyond their classroom duties, and shows their commitment to public education, their school pride, and their unwavering belief in the potential of all students.