

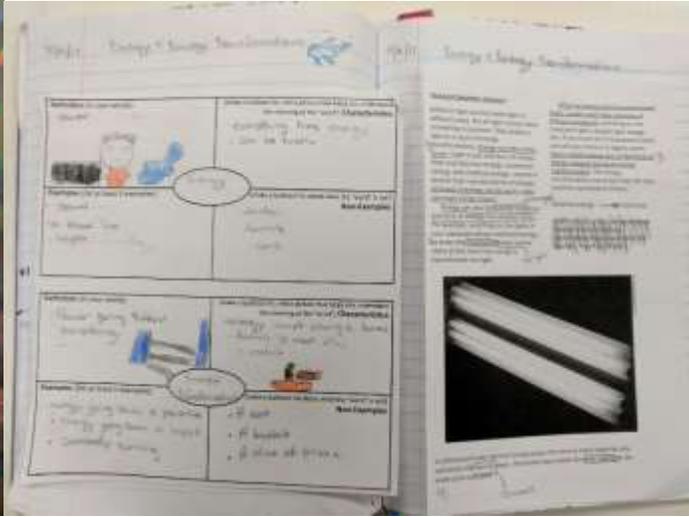


CEDARCREST STEM/SCIENCE NEWSLETTER 10/6: MORE THINGS...TO HOWL ABOUT...

OUR CEDARCREST STEM/SCIENCE STUDENTS HAVE BEEN EVEN BUSIER DOING ENGAGING, MINDS ON/HANDS ON LESSONS HERE AT CEDARCREST.

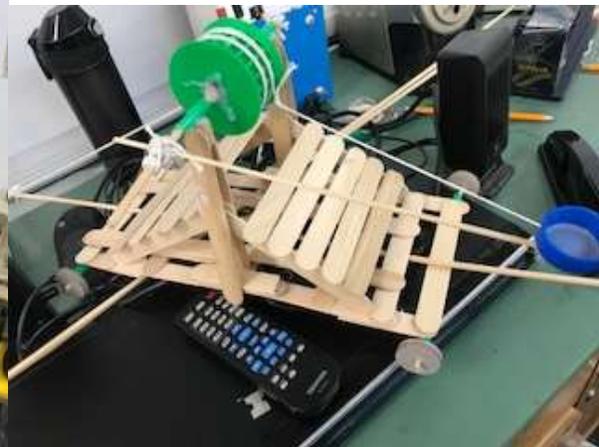
6th GRADE SCIENCE:

Mr. Stoddard and Ms Kukull's students this week in 6th grade science started learning about the interesting things **light** can do by finishing 8 mini lab stations. At each station students recorded their **observations, inferences, and practiced their inquiry skills** by writing questions. Students also began learning about energy and energy transformations. **They practiced their reading skills by marking text, and then worked on vocabulary development by creating Frayer Models. All this work is done in their Science Journals using AVID strategies which help promote literacy skills.**

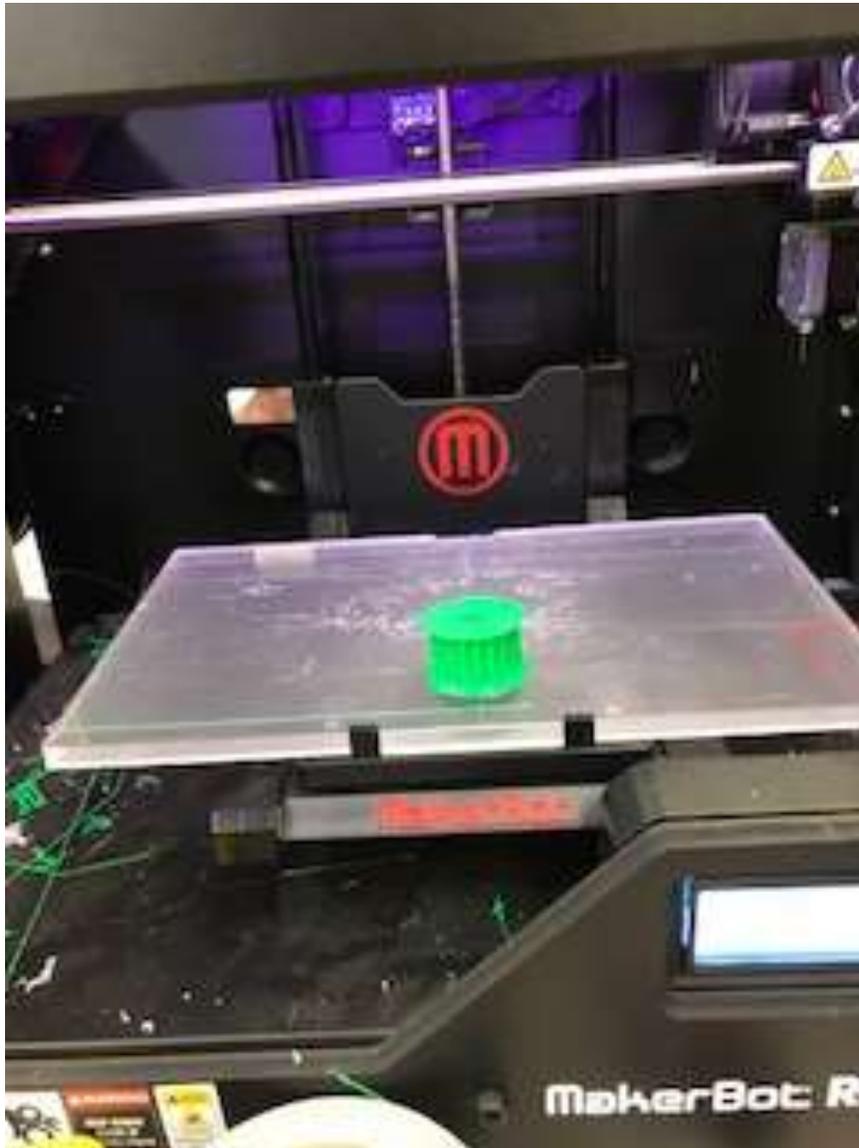


6TH GRADE 21ST Century Skills:

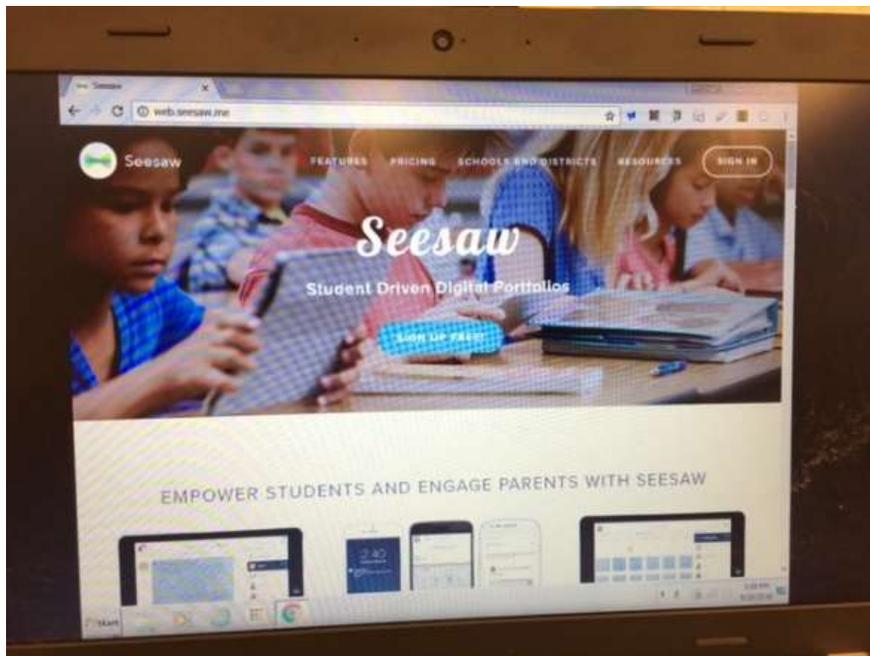
Mr. Shreeve has continued tasking his 6th grade 21st Century students with the engineering challenge to reverse engineer a historically accurate scale model catapult.



(The students and Mr. Shreeve even 3D printed a part for the Da Vinci Catapults—SUPER SCIENCE!)



21st Century Students use an electronic journal called Seesaw. This allows them to keep all of their work online and it can be easily accessed with their Chromebooks. Please have your son/daughter share their work with you in their electronic journal.



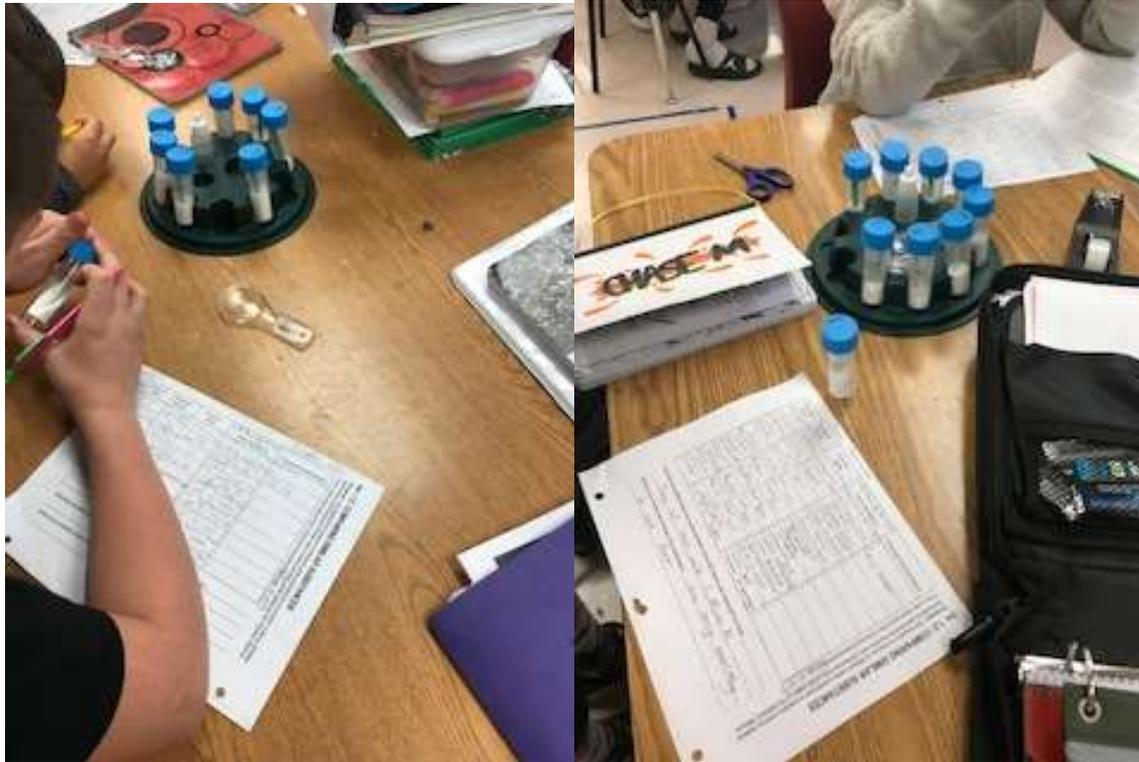
7th GRADE SCIENCE: Ms. Dainard continued her engineering work with a fun, engaging, and challenging activities such as “The Rainbow Lab.”



Mrs. Delazarri also tasked her 7th grade Science students with an engineering challenge to modify safety goggles so that they are more comfortable and students will want to wear them longer.



The purpose of activities such as this is to encourage collaborative learning through fun Science oriented projects that are hands on/minds on.



They also helped prepare students for their chemistry unit where they must try and identify a mystery element through observation, experimentation, analysis, and collaborative work.

7TH AND 8TH GRADE STEM ROBOTICS with MR. SHREEVE:

This week students continued working through the **engineering process of researching, designing, building, testing and optimizing** their Judobot prototypes. They are finished now and

awaiting the competition next week. **Students will also be writing scripts, making videos and creating QR code links for those videos with their Chromebooks.**



(Do Check out the above QR Code to a special Judo GIF— enjoy!)

All of the assignments for **STEM ROBOTICS**, including their research, diagrams, notes, QR Codes, Scripts and even videos will end up on Seesaw. It is an electronic journal for the class. **Please have your son/daughter share their work with you in their electronic journal.**



MR. DESCHAINÉ'S STEM TECH(7TH GRADE):



Students are **researching an invention**. After they research the invention they are creating a PowerPoint about the inventor and their

invention. **Finally they will present their product to their peers as an oral presentation.**

MRS. MACK'S STEM CLASSES(8TH GRADE):



In Mrs. Mack's Nutrition and Fitness students have completed their first unit study. Students learning focused on the following questions.....

- 1. What are health and wellness?**
- 2. What are the three areas of the wellness triangle and how do we promote wellness in each area?**
- 3. How do our +/- lifestyle choices effect our overall wellness**

4. Define the terms anatomy (what our body is) and physiology (what our body does)
4. What are the stages of the human life continuum?
5. What are developmental characteristics of each stage of human development?

Students will begin the next unit, **Systems of the Body**, next week.

8TH GRADE SCIENCE:

Mr. Schaufler and Mr. Overland continued having their students compare Allen Creek to a Perfect Creek, and assess what things that are different about Allen Creek that may be a problem for the survival of salmon. **Assignments will include** a written comparison of Allen Creek to a Perfect Creek, and a slideshow of how a particular problem harms salmon. Students next week will then create solutions based upon research and observation of the creek itself.



Mr. Schaufler and Mr. Overland will incorporate technology into their lesson by having students create videos about their solutions for the creek and generate QR code links of those videos with their Chromebooks.

All of these activities were designed by the STEM/Science staff at Cedarcrest to encourage Engineering and Science concepts with fun, engaging activities that may help students throughout their careers.

On behalf of the Staff in the STEM/Science Department, we are committed to making this the best year ever for your child here at Cedarcrest Middle School.

Sincerely,

The STEM/Science Staff at Cedarcrest

Mr. Stoddard, Ms Kukull, Ms. Dainard, Mrs Delazzari, Mr. Schaufler, Mr. Overland, Mr. Deschaine, Mrs. Mack, and Mr. Shreeve

6th Science, 7th Science, 8th Science, STEM Foods, STEM Tech, STEM Robotics, and 21st Century Foundations.