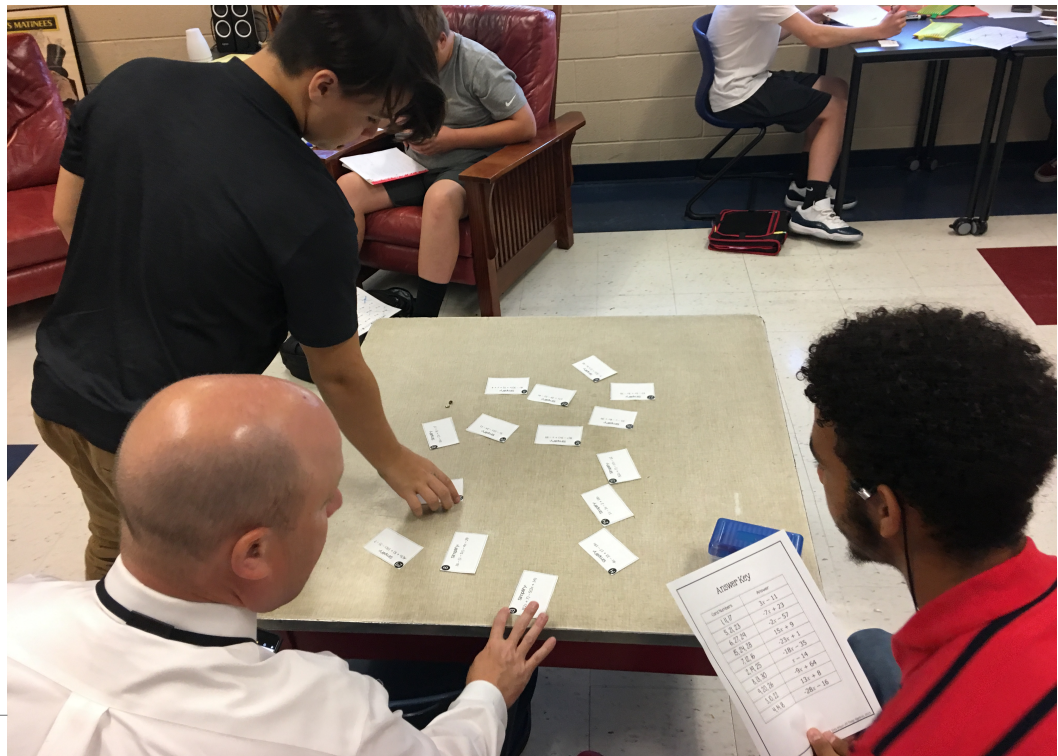


RED LAND HIGH SCHOOL

ALL STATIONS A GO!



Mr. Healy and two students from the co-taught class With Mrs. Wolfe work at a station

Mrs. Wolfe's Algebra 1 classes have started implementing Personalized Learning through the Station Rotation Model. Each student is placed with a partner or group, then the students rotate to different learning style stations according to their needs. For example, kinesthetic learners may go to a station where they simplify expressions and have to move cards throughout the room to check answers. Every group rotates through the teacher's station, where they all work on individual problems. This allows Mrs. Wolfe to analyze and determine student's specific needs for the following day.

Every lesson incorporates technology through Schoology. Students can be doing work online. This work will appear to Mrs. Wolfe, so that she can analyze data and determine more specific needs for the entire class. The data collection helps her determine the next day's agenda, so lessons are more specialized to each class's needs. Furthermore, she is capable of monitoring all student's screens on the Chromebook thanks to the technology department and their purchase of GoGuardian, a computer monitoring system. The system also allows students to ask a question through the computer. Thus, helping the quiet students or students too embarrassed to ask a question an opportunity to still be heard.

DAVINCI AND AQUAPONICS

Mr. Winn, Mr. Wagoner, and Mr. Snelbaker, along with the DaVinci students, recently traveled to CCHS to explore and learn about the aquaponics center. Mr. Weaver and his students, provided a tour and held in-depth discussions regarding the process of bringing the aquaponics lab to life. This visit inspired the DaVinci students to build the tower garden, and begin the portable aquaponics lab at RLHS. We appreciate and look forward to many more opportunities to work together.

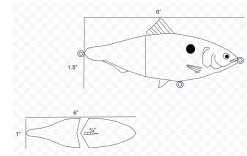
Mr. Winn, Mr. Wagoner, and Mr. Snelbaker spent an afternoon with CCHS students in the Aquaponics lab.



DAVINCI: FULL SPEED AHEAD



DaVinci student Nick Anderson, took his 2D drawings, and utilizing 3D software, created a fishing lure. Nick then printed the lure, using the 3D printer, which allowed him to create a rubber mold. Once the rubber mold was made, he used 2-part epoxy to make his fishing lure. This lure is a 2-part piece, or also known as a segmented body. Nick was able to test



his prototype in the natatorium, which we are pleased to say was a success. Nick is now in the phase of designing an air brush design for his lure.

Matt Alt and Damian Heidingsfelder, are currently working with a 360-degree camera to make a professional quality 3D rendered "street view" of Red Land.

The goal for this "street view" is to assist first responders in their training, allowing them to go through the hallways from off campus. Additionally, Matt and Damian



are creating informational spots located throughout the 3D rendering that informs first responders about each classroom. Red Land's Social Studies Department now has access to Virtual Reality (VR) headsets which DaVinci borrowed, this led Matt and Damian to expand its use a wonderful resource for incoming freshman to tour the school through Virtual Reality. This demonstrates our students employing 21st century skills as they design content in VR.

Another group we would like to highlight are our students that will be entering the Governors STEM competition, Mitchel Zehring and Lucas Spicher, with their project that would provide a second line of defense to schools during an active shooter. We are currently unable to share any pictures as they move from prototype to product, as we don't want to leak the project before the competition. However, we look forward to expanding on their project in the near future.



We have a student from Cedar Cliff in our class, Mia Harmon, who has designed her own completely new shape for a rubix cube on 3D software, and has now begun printing. She will connect it together through strong magnets for movement.

We invite you to follow along with our journey, follow us on Twitter: @DaVinciRLHS

CAREER EDUCATION TRIP: YORK IMPERIAL PLASTICS

Mr. Gay has been actively preparing opportunities to engage students in career education exploration. These encompass a variety of careers for students to explore; law, healthcare, veterinarian, accounting, music, human services, auto industry, and more. Most recently, twenty-two students traveled to York Imperial Plastics, a leading injection molding manufacturer, to tour the facility and learn about the various facets of their industry.



EDUCATOR APPRECIATION & GIVING BACK



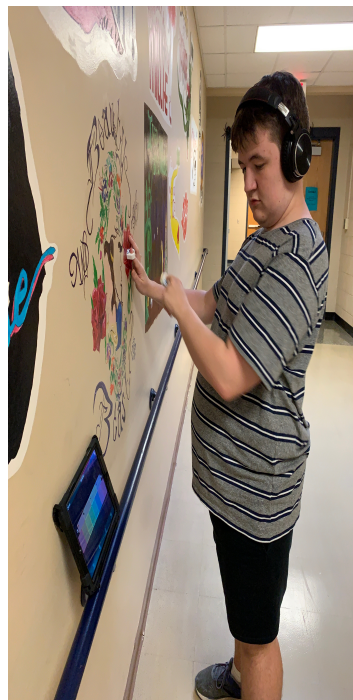
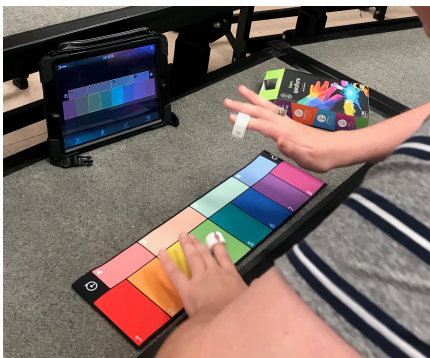
Prior to our Red Land home football game, eleven senior football players recognized the teachers that had the most impact on their education. They each highlighted what made their teacher special to them, as well as, how they changed them as a student and young man.



Carrying on the tradition of giving back, Red Land football players give back through the "Patriots Helping Patriots" initiative. Players pack and load food for local veterans, ensuring those that served our country know they are appreciated.

WEST SHORE FOUNDATION GRANT IN ACTION!

Mrs. Shepski was able to purchase and implement the Specdrums Music Integration Technology in her Adaptive Music class with Ms. Bodenschatz's students. Students tap colors to play musical pitches and sounds wirelessly. Students are able to select a variety of instruments, such as various keyboards, synths, and drum kits.



RED LAND BUTTERFLY GARDEN

We had a successful inaugural year in the Butterfly Garden. There were many chrysalis' found throughout the Butterfly Garden. Students loved the opportunity to volunteer and observe throughout the first quarter of the year. Enhancements to this space continue to be made to foster the greatest amount butterfly life possible. We'll keep you posted on the plans to expand this beautiful space!



FBLA REGION 6 LEADERSHIP WORKSHOP

On Tuesday October 15th, 32 members of Red Land's FBLA chapter travelled to Maize Quest in New Park PA to participate in the Region 6 Leadership Workshop. The students completed the corn maze while honing their teamwork, cooperation and problem-solving skills. The students met with 115 students from 9 different schools across York and Adams counties where they networked and shared information about our chapter goals and plans for the year. All of the students had a wonderful time and learned so much about what other schools are



doing and creating those important relationships for sharing information and goals. Our students really enjoyed the challenges during the day and the S'Mores that we made by the campfire after lunch!



RED LAND FALL SPORT UPDATES

Field Hockey, 9-9, has qualified for Districts
Girls Volleyball, 4-13, two games remaining
Varsity Football, 4-4, two games remaining
Boys Soccer, 8-9-1, qualified for Districts
Girls Soccer, 4-11-1, one game remaining
Golf, 32-16 overall, 35-24 Including Mid Penns

District Qualifiers

- McKylie Boreman
- Edie Myhre
- Jesse Strine

PIAA Eastern Regional Qualifiers

- McKylie Boreman

Boys XC, 4-2

Mid Penn Conference Medalists

- Aiden Gonder, 8th
- Grayson Stanley, 26th
- Matt Johnson, 28th
- Wyatt Fox, 31st

