



CLEVELAND CITY SCHOOLS CAREER & TECHNICAL EDUCATION

February – March 2024

NEWSLETTER

Digital Media

Digital Media is a foundational course in the Arts, A/V Technology & Communications cluster for students interested in art and design professions. The primary aim is to build a strong understanding of the principles and elements of design and the design process. Proficient students will be able to utilize industry tools to conceptualize and create communications solutions which effectively reach targeted audiences. Students will acquire basic skills in illustration, typography, and photography. Standards include career exploration, an overview of the history of design, basic business management, and legal issues.

Cleveland Middle School offers digital media as part of their career explorations class for sixth graders, Raider TV Jr. in seventh grade, and Raider TV in eighth grade. The eighth grade Raider TV production class creates a daily news show that is shown throughout the school.

The instructor, Ben Garcia, is new to this position but has worked for Cleveland City Schools for 14 years in several roles. He also worked in the production industry as a Media Director for 5 Years at a local church which is where his passion for Digital Media began. Ben said "I understand firsthand how digital media shapes the daily lives of students. In an era where screens are ever-present, I believe that digital media isn't just a tool for entertainment but a force that profoundly influences how young minds learn, communicate, and express themselves. From social media to online learning platforms, digital media permeates every aspect of student life, presenting both opportunities and challenges."



Cleveland Middle School's
Digital Media Instructor: Ben Garcia

Ben is passionate about harnessing this force to empower students, teach them not only how to consume but also how to create meaningful content in a digitally-driven world. His mission at Cleveland Middle School extends beyond teaching digital media skills. He hopes to guide students through the complex digital landscape with wisdom and empathy, recognizing the importance of digital literacy and responsible usage. Ben says "I want to create an environment where students can explore their creativity, develop their voices, and become discerning consumers and creators of digital content. In doing so, I hope to empower the next generation to harness the full potential of digital media while staying grounded in values that foster positive growth and community." He thinks the best thing about being at CMS is seeing students be excited about completing assignments and projects that they have taken ownership over.

Ben is a 2007 Cleveland High School graduate. He is married to Stephanie Garcia, a math Teacher at Cleveland High School and they are the proud parents of two amazing kids, Arabella and Kyler.



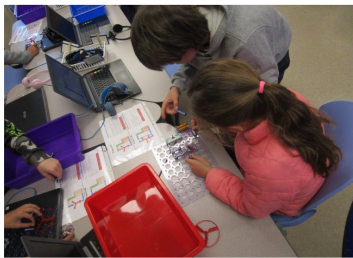
Arnold Elementary School

Our kindergarten students used the engineering design process to make fidget spinners out of only linking cubes that had to spin. The kids had a lot of fun while learning and creating!



Blythe-Bower Elementary

Alison Pryor from News Channel 3 came to teach kindergarten about seasons and weather in our area of the country.



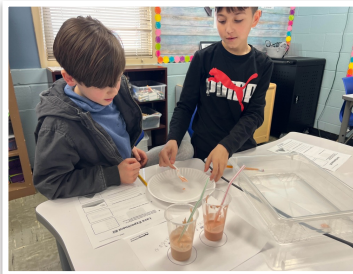
Candy's Creek Cherokee Elementary School

The third graders are working with closed and open circuits.



E.L. Ross Elementary

Dash goes to the Olympics! Ross students programmed Dash Robots to complete Winter Olympics events like speed skating and slalom skiing.



George R. Stuart Elementary

Fourth grade students are digging into earth and space science concepts. Using the scientific process, students tested different thicknesses of “lava” to determine which kind of lava would come from different types of volcanoes.



Mayfield Elementary

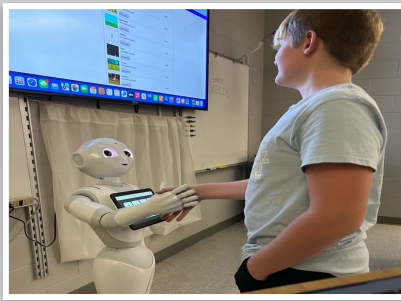
Third graders have been learning about circuits. Following the engineering design process, they made circuit bracelets showing a complete circuit by using copper tape, a cell battery and a small LED light. This helped them understand open and closed circuits by connecting and disconnecting their bracelets.



Yates Primary

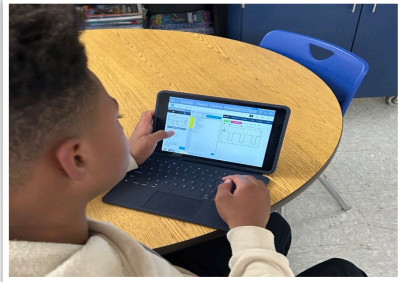
Yates students often enjoy STEM bins on afternoons when it is cold or rainy and they cannot go outside for recess. These students are working on chain reactions.

CMS BUSINESS & COMPUTER SCIENCE



Business

Our AI Robot, Pepper, greeted and interacted with families at parent teacher night. Students were able to showcase commands they have taught Pepper over the course of the year.



Coding

Students are working in CodeHS, learning to create functions in our codes.

CMS DIGITAL MEDIA



Digital Media

The sixth-grade career exploration students are creating ads on Canva for upcoming school events, as well as their "About CMS" iMovie projects.



Raider TV

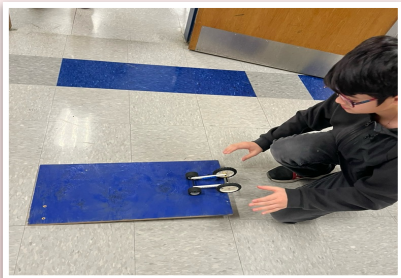
Students in the Raider TV Digital Media Class showcased their talents in a live show. These students get hands-on experience, learning the ins and outs of producing a live production.

CMS ENGINEERING



Job Skills

Students learned skills such as drilling, cutting, wires on motors, and 5S training, which are all needed job skills.



Hands On Learning

The sixth graders used Legos to create models to measure distance and speed.



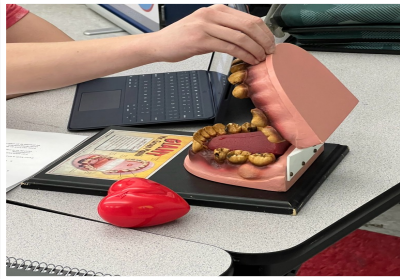
Creative Design

Advanced Manufacturing students were able to design their own keychain and then program the machinery to make it.



New Skills

Advanced Manufacturing students are learning print reading skills which is needed before a project can be started.



Eating Habits

Health Science students learned about dentistry. Are we really what we eat? They found out that dental health can have a profound impact on cardiovascular health.



Medical Roles

The eighth graders in the Health Science, a high school credit class, practiced taking vital signs simulating the role of a medical assistant.



School Performance

Color Guard participated in some basketball games and then Saber performed for Winter Court.



Community Service

The cadets participated serving their school and community by cleaning up the campus.



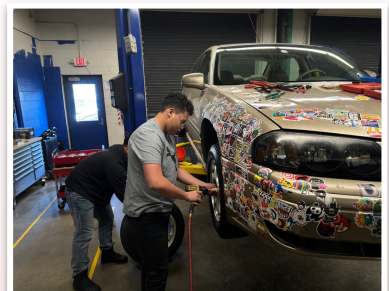
Competition

This week JROTC went to Warren County High School to compete in their drill competition. The Blue Raider Corps came home with three trophies, 2nd Dual Exhibition, 3rd Color Guard, and 3rd overall.



Student Mentoring

Level 3 Students are working on rear brakes. One student is doing the rear brakes on her own car while a more advanced student is mentoring her.



Work in Action

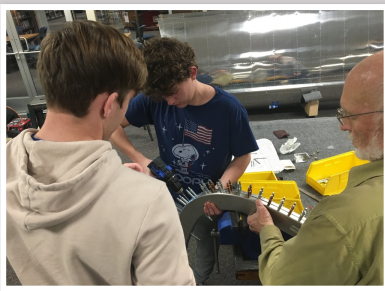
Entry level automotive students use an impact wrench to take wheels off a car for the first time. The next step will be tire rotation.



Watch, Then Do

Level II Automotive students are changing the serpentine belt tensioner on both of our demonstrator vehicles. First, they all watch a video on how to do it and then they perform the repair.

AVIATION



Tango Flight

The roll bar is an intricate piece of the airplane that students, along with their mentors, have put together.



Taking Shape

Tango Flight students are working hard on various pieces. Pictured here, the tail cone is taking shape!



Rewarding Experience

A fifth-grade student from Candys Creek Elementary won their paper airplane contest. As a reward, he was able to come to the high school to try out the full motion flight simulator.

BUSINESS



Community Involvement

Students discussed the “S and W” in SWOT analysis. They learned how it impacts their business and can be used daily in their personal lives.



Life Expenses

Students spent time learning about expenses. Together, they took a road trip and discovered how expensive it could be.



Food Truck

Students finished their food truck projects and CRUSHED it! They developed an idea for a food truck, menu, business card, flyer, and business plan.

COSMETOLOGY



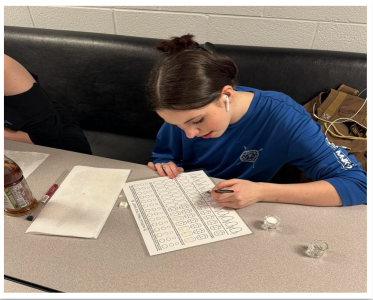
Not Just Hair

Cosmetology is not just about hair. Students have learned about all things skincare. They demonstrated basic facials in class. Getting a facial is not only relaxing and rejuvenating to the face, but also the mind.



Hair Removal Options

Cosmetology level 2 students are currently exploring the hair removal chapter, experimenting with waxing, which is an optimal temporary hair removal method for normal skin types.



Nail Art

Embarking on a journey of creativity and precision. Learning the art of acrylic nail molding one stroke at a time.

CRIMINAL JUSTICE



Evidence

Criminal Justice and Health Science partnered up by working a simulated crash scene. The criminal justice students investigated the scene and EMS students treated the victims.



Mock Trials

Students spent time in groups writing the cases for mock trials. Then they cast roles and began the trials.



Crimes and Courtrooms

Criminal Justice students finished building a 3D box display For their chosen Supreme Court Landmark cases. If you look closely, the protestors and Supreme Court members are CHS students.

CULINARY ARTS



Entry Level Meal

Culinary Arts level 1 cooked & served a meal for our guests from TVA. They served an appetizer of salad, main course of blacken chicken with alfredo pasta primavera, and a dessert of white chocolate cheesecake mousse.



Collaboration

Culinary Arts had the opportunity to make plan for the language department's culture fair, put on by and for all the high school students.



Culinary Competition

Culinary Arts Club students are preparing for SkillsUSA competition and will be competing in Culinary Arts, Baking and Pastry, and Restaurant Services. They have been putting in the extra time on early Saturday mornings and after school.

DIGITAL MEDIA



Athletic Live Stream

All hands were on deck to live stream Cleveland's biggest rivalry game where The Cleveland Blue Raiders beat Bradley.



Student Productions

All the Digital Media classes had to produce their own type of shows. Each group had to use a switcher for a live recording and was done in our studio or filmed out in the mobile unit to record.



Real World

Some of our skilled students worked some major events recently for some real-world hands-on experience in the field.



@BLUERAIDERSLIVE



@CHSLIVE



CHSLIVE



CHSLIVE



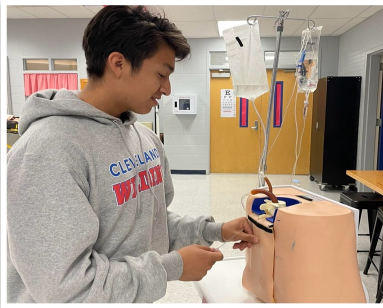
Complete Care

Medical Therapeutics students learn how to care for a patient that requires total care. They are practicing hair washing in a hospital bed.



Drill

EMS students had the opportunity to participate in Cleveland State's mass casualty drill. The students were able to assist with treating the "victims" and managing the "disaster".



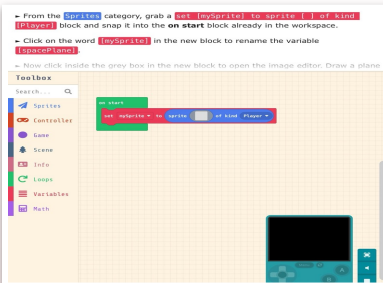
Practicing Skills

Medical Therapeutics students learn the various pain management options for a woman in labor. They get to practice the skill of spinal injection on our stimulator.



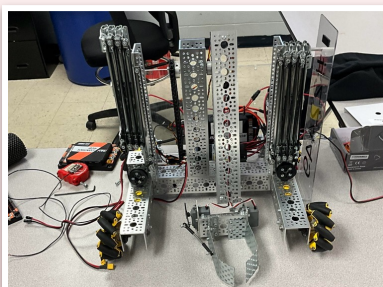
Guest Speakers

Representatives from TCAT Athens spoke with the Computer Science AP and Cybersecurity students, diving deep into their innovative programs. Inspiring the next generation of tech leaders.



Learning New Things

Computer Science classes are excited to dive into the world of coding minicomputer games with Microsoft MakeCode. Whether students are a beginner or experienced coder, it provides a fun and interactive way to unleash your creativity.



Partnering Up

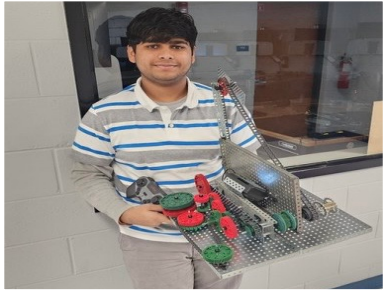
Some computer science students are partnering up with other programs to build and program robots for an upcoming robotics competition.

ROBOTICS



Youth Apprenticeship

Youth apprenticeship students have been learning about sensors and their applications in the modern workforce. Using our Festo Global Mp205 trainers, students get real-life, hands-on training that will no doubt help them be successful.



Design and Build

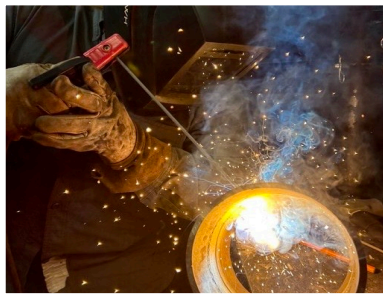
Robotics level 1 students have been learning about various gears, gear ratios and gear drive trains. Students were challenged to design and build a complex gear train.



Simulation Exercise

Students have been learning about closed looped circuitry and the tasks of various sensors. With this exercise one teammate had to blindfold themselves and navigate a maze based off their teammate's instruction, simulating sensory feedback in a circuit.

WELDING



Competition

A Welding level 3 student is practicing for the 6-inch pipe test for the upcoming welding competition. Students have been working hard to perfect their skills by coming in before school, staying after, and on weekends.



Learning Procedures

Welding level 3 students are practicing dialing in settings on an engine driven welding machine.



Competition

The students were given an opportunity to design their shirts for the upcoming welding competition. Pictured here are some of the competitors modeling their shirts.

Important Dates

Cleveland High School CTE

850 Raider Dr. Cleveland, TN 37312

(423) 472-8098

rwhittenbarger@clevelandschools.org

March 29

Good Friday- No school

April 1

Staff Development- No school

April 8

Solar Eclipse- Early Dismissal

April 16-24

End of Course Exams

May 10

Graduation

May 24

Last Day of School- Early Dismissal



Connect with us!

Join us on social media and stay up to date on many of the great things happening here everyday.



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Created by Jennifer Higgins