



# CLEVELAND CITY SCHOOLS CAREER & TECHNICAL EDUCATION

August 2021

## NEWSLETTER

### New Course Offerings at CHS

The school year is off to a great start! There are some exciting things happening at Cleveland High School. CTE is now offering five new courses; Teaching as a Profession, Welding, Pharmacy, Web Design and Raider Evolve.

In the Teaching as a Profession Pathway, students will be an active participant in the learning process as they explore what it means to be an effective and inspiring teacher.

Welding students will study and practice skills in safety, oxyfuel cutting, plasma arc cutting, shielded metal arc, gas metal arc, flux core arc, gas tungsten arc, blueprint, layout and fitting. Students will weld on various materials including carbon steel, stainless steel and aluminum in all positions.

Pharmacological Sciences is a second or third-level applied course in the Therapeutic Services program of study intended to prepare students with an understanding of the roles and responsibilities of the healthcare worker in a pharmacy setting. This course equips students with the communication, goalsetting and information-processing skills to be successful in the workplace, in addition to covering key topics in pharmacology, pharmacy law and regulations, sterile and non-sterile compounding, medication safety, quality assurance, and more.

Web Design is a course that prepares students with work-related web design skills for advancement into postsecondary education and industry. The course is intended to develop fundamental skills in both theory and practical application of the basic web design and development process, project management and teamwork, troubleshooting and problem solving, and interpersonal skill development. Laboratory facilities and experiences simulate those found in the web design and development industry; where interaction with a "client" is indicated in the standards, it is expected that students' peers or the instructor may serve as mock clients in lieu of an actual relationship with an industry partner.

Raider Evolve is a multi-operational school corporation managed and operated by students as "hands-on" learning laboratories and career opportunities that integrate different aspects of a real-world environment. For many students, Raider Evolve will provide work experience by utilizing the keys of building management, communication, supervision, entrepreneurship and leadership skills. Students will learn the basics of welding, fabrication, plasma cutting, laser etching, and will sharpen their skill in creative design, business marketing, advertising and distribution of merchandise.

With these new course offerings provided to our students, Cleveland City Schools Career and Technical Education Department is aggressively seeking to expand our already robust course offerings.



2021-2022 Cleveland High School Career and Technical Education Team



## Arnold Elementary School

The ERC and 4th grade students worked on building prototypes. They created animals (horse and snake) and structures. They used rox blox and picasso tiles for the first time. This is steps 3 (brainstorm) and 4 (build a prototype) of the design process.



## Bylthe-Bower Elementary

Students have been reconnecting with STEM. They used pencils and other supplies to complete STEM Challenges—from making shapes and balancing pencils to building Davinci Bridges.



## Candy's Creek Cherokee Elementary School

K-5 students at CCCES have been working on technology skills.



## George R. Stuart Elementary

At Stuart Elementary, students in 4th and 5th grade are designing and building the tallest tower possible using symbols of the back-to-school season: apples and school supplies! In every challenge, students work together to communicate, collaborate, and think critically and creatively.



## Mayfield Elementary

Fifth graders at Mayfield had fun learning about the scientific process using Gobstopper candy. They documented the progress on their lab sheets and completed a Google Form scoring themselves and their lab partner after the experiment.



## Ross Elementary

Ross students enjoyed some Maker Space time to explore the STEAM ideals of taking risks, being persistent, and embracing failure. They came up with some great ideas!



## Yates Primary

The STEAM Team at Yates Primary spent reconnection week introducing themselves to every student. The students ended classes by playing a tournament of Rock, Paper, Scissors!



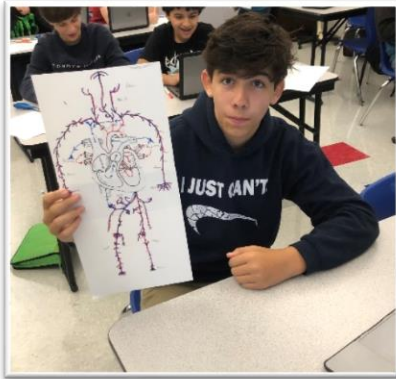
### Working on College Credits in Middle School

8th grade Computer Applications students are beginning to dig into their college level curriculum. They are working hard to step up to the challenge!

#### MEET THE TEACHER



Hannah Medema  
hmedema@clevlandschools.org



### Learning All About Blood Flow

CMS Medical Science students learning blood flow through the heart! In this lesson, students learn about the blood flow order through the human heart, from the superior and inferior vena cava to the atria and ventricles. Students also learn the heart's anatomy, including where deoxygenated and oxygenated blood flow, in the superior vena cava, inferior vena cava, atrium, ventricle, aorta, pulmonary arteries, pulmonary veins, and coronary arteries.

#### MEET THE TEACHER



Jonathan Bovee  
jbovee@clevlandschools.org



### Teamwork

As we come together we each have many talents, skills, and ideas which we can share with each other. This activity gives students a chance to share these talents with one other and to begin to work better together as a team.

In the Bridge Building Activity, students were challenged to build a bridge as a team.

#### MEET THE TEACHER



Derek Morris  
demorris@clevlandschools.org





### Air Force JROTC Welcomes SMSgt Jeff Bise

Blue Raider Corps is excited to welcome our new instructor SMSgt Jeff Bise. He is an awesome addition to the team. He has 25 years military experience and over four years teaching AFJROTC.



### Blue Raider Corps Cadets are Back to Basics

Drill which teaches precision, discipline and leadership to the cadets involved.

## MEET THE TEACHERS



Scott Campbell  
Colonel USAF, (Ret) Senior Aerospace Science Instructor (SASI)  
[scampbell@clevlandschools.org](mailto:scampbell@clevlandschools.org)



Jeff Bise  
SMSgt USAF, (Ret) Aerospace Science Instructor (ASI)  
[jbise@clevlandschools.org](mailto:jbise@clevlandschools.org)



### Snap-On Certification

CHS Advanced Automotive students work diligently toward their first Snap-On Certification.



### Snap-On Training Center

Students learn all about batteries: starting and charging with the new Snap-On Training Center located in the Automotive lab at CHS.

## MEET THE TEACHER

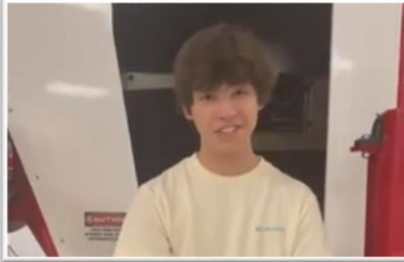


Will Godwin  
[wgodwin@clevlandschools.org](mailto:wgodwin@clevlandschools.org)



## Flight Simulation

Aviation I students were eager to get their first flight simulation underway. Students line-up to use the Redbird Flight Simulator located in the Aviation Classroom.



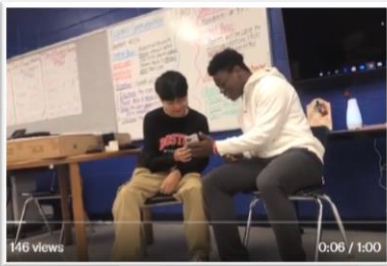
## Student Talks About Why He is Taking Aviation at CHS

Jackson Herrod, sophomore at Cleveland High School, explains to the class why he is taking Aviation at Cleveland High School in hopes to become a pilot.

## MEET THE TEACHER



Isaac Conrad  
iconrad@clevlandschools.org



## Student Learn About Internet Safety

Business Academy teaching high school students the importance of internet safety. Students had to create a skit about online predators.



## H2O For Heroes

CHS FBLA Club gave back to the Cleveland community at the H2O For Heroes.

## MEET THE TEACHER



Anne Person  
aperson@clevlandschools.org

# COSMETOLOGY



## Problem Solving

Cosmetology students are processing problem solving skills by working together as a team.



## Codes of Ethics in the Salon

Cosmetology students research codes of ethics in the salon industry and create their own.

## MEET THE TEACHER



Rebecca Davis  
rdavis@clevelandschools.org

# CRIMINAL JUSTICE



## Student Learn About The Criminal Justice System

Students learn where cases are in the Criminal Justice system.



## Evidence Collection

CHS Criminal Justice students learn all about evidence collection. You just never know what you may find!

## MEET THE TEACHER



Cheri Morgan  
cmorgan@clevelandschools.org

## CULINARY ARTS



### Students Start Learning About Sanitation

Culinary Arts I students dive into their exploration of sanitation for their Culinary experience.



### Cookies for Open House

Culinary Arts II students made peanut butter cookies for Cleveland High School Open House. Open House was a time where parents had the opportunity to meet their child's teachers and see their classrooms.

## MEET THE TEACHER



Clyde Rush  
[crush@clevlandschools.org](mailto:crush@clevlandschools.org)

## DIGITAL MEDIA



### Digital Media Welcomes Delano Halfacre

Mr. Halfacre comes to CHS with a plethora of experience in the Digital Media field, including digital media at Opryland!



### 2021 CHSLive Crew

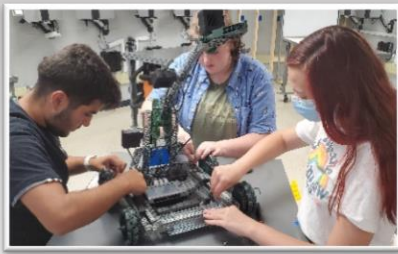
CHSLive Crew getting ready for a great year!

## MEET THE TEACHER



Delano Halfacre  
[dhalfacreiii@clevlandschools.org](mailto:dhalfacreiii@clevlandschools.org)





### Destroying Last Year's Robots

Engineering students kick off their first full day of engineering by DESTROYING last year's robots. They were sad to see them go, but students will build even better ones this year! Mr. Gluckner said he is looking forward to seeing their ingenuity and creativity!



### Balsa Wood Bridge Structures

Students test their balsa wood bridge structures in Civil Engineering and Architecture. They hate to break their designs, but here you can see a spectacular structural failure!

## MEET THE TEACHER



David Gluckner  
dgluckner@clevelandschools.org



### First Pharmacy Lab Day

CHS Health Science Academy is excited about the new Pharmacy program. Mrs. Krepps, CHS pharmacy teacher, has many years experience as a pharmacist and is so excited to share her knowledge with the students. There are so many exciting things happening in this class!

## MEET THE TEACHERS



Abi Dye  
adye@clevelandschools.org



Erin Hattabaugh  
ehattabaugh@clevelandschools.org



Kellye Huff  
khuff@clevelandschools.org

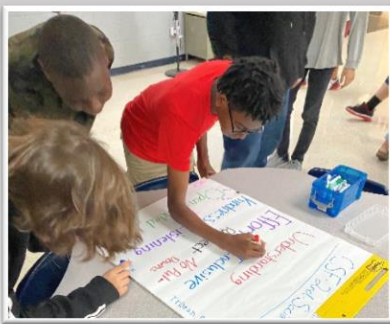


Ann Krepps  
akrepps@clevelandschools.org



Rachel Nicholas  
rnicholas@clevelandschools.org





## Social Contracts

Students signed their social contracts in the IT Academy classes. It's a great way to set the semester off right!



## Student Spotlight

Luis is taking Robotics 1 with Dr. Saez this semester to explore his passion in technology and engineering.

## MEET THE TEACHER



Dr. Megen Saez  
msaez@clevlandschools.org



## Precision Measuring

Robotics students start the semester by learning precision measuring. The class had a great time learning to master these important tools.



## CHS Welding

Cleveland High School's welding team is getting closer and closer to laying those first beads. They are starting with the basics of safety and virtual reality training.

## MEET THE TEACHER



Tim Smith  
tsmith@clevlandschools.org

# A Message From The CTE Supervisor

August 31, 2021

It's been a wonderful start to the 2021/2022 school year! Excitement, engagement, and energy defines the atmosphere in our career and technical education (CTE) classrooms. As we seek to grow student participation and community awareness of our CTE course offerings, evidence shows that our CTE courses have a population of 1184 individual students currently enrolled in our CTE programs, which is 66% of our high school student body population. Cleveland Middle School has impressive statistics as well: 1142 students enrolled in our CTE courses at Cleveland Middle, which is 88% of the student's body population. What does this tell us? It reveals that our students, parents and community see the relevance, value and potential of CTE careers. Career and Technical Education occupations are a very appealing career opportunity because of potential high-wage, and in-demand benefits of CTE occupations. Check out Cleveland City Schools Career and Technical Education offerings by visiting [www.clevelandschools/cte](http://www.clevelandschools/cte).

Thank you for your continued support.

Sincerely,

*Renny Whittenbarger*



## Connect with us!

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



@ccscte



@ccscte

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## Important Dates

### Sep 6

Labor Day - Schools Closed

### Oct 4 - Oct 8

Fall Break - Schools Closed

### Oct 11

Staff Development - Schools Closed

### Nov 22

Staff Development - Schools Closed

### Nov 23 - Nov 26

Thanksgiving Break - Schools Closed

### Dec 21

Abbreviated Day

### Dec 22 to Jan 4

Christmas/New Years Break - Schools Closed

