

Greetings From Pelahatchie High School!



Submitted by: Bob Robinson

I hope everyone had a wonderful Christmas and is ready to tackle the new year and the spring semester.

If this past year taught us anything, it would be that very few things are certain anymore. Jan and I had the opportunity to attend some events in Washington, DC last month. I am always humbled by the beauty and magnificence of the memorials and monuments that are a tribute to our nation. Recent events have me more convinced than ever of the importance of our role as educators and the opportunities we have to influence the next generation of leaders.

As I look back in photos and think back on FFA events, it makes me sad to think we will be unable to attend events in person this year, but I am reminded of what a wonderful opportunity this job does give me!

In closing, I encourage you to think about those businesses that have “pivoted” their way of doing business and have come through the pandemic still standing. As CTE instructors and administrators, we have the responsibility to teach our students to THINK their way through difficult situations!

Stay safe and may God bless you and yours during this year.

Hello From the MS ACTE Office!

Submitted by: Linda Bath

We hope that 2021 will be a better year for all of us. I appreciate all the extra efforts you as administrators and teachers have demonstrated to make sure our students receive the best education and training possible.

Our MS ACTE Summer Conference will be virtual again this year. The tentative dates are July 26 and 27. More information will be forthcoming as the Department of Education and the RCU proceed with making this a meaningful conference to all. Last summer’s conference was a success, and I am confident this one will be even better.

Each year the MS ACTE office accepts nominations for the office of 2nd Vice President. The calendar posted on the website asks that nominations be sent in by February 1. This year I am extending the deadline to March 1. The nomination form can be found on our website, mississippiacte.com, at the Downloads section. Nominees should have been ACTE members for five years and should be members who have served as district officers, affiliate officers, or committee chairs. The current 2nd Vice President is Valerie Barton from the administration affiliate. The constitution states that officers cannot represent the same affiliate two consecutive years; therefore, an administrator would not be eligible to serve. Please consider your co-workers and send in qualified nominations.

The national office is still working from home, so there have been some adjustments made for services provided. One of those is that they no longer mail out membership cards to you. Your card will be sent in the form of an email, so be sure to open and read all correspondence from the national office.

Please contact me if I can be of assistance to you. I hope you and your families stay safe and well.

Ag & Natural Resources Class Receives Blue Cross Blue Shield of MS Foundation Edible School Garden Grant

Submitted by: Joe Ann Floyd

Simpson County Technical Center was awarded a grant to implement an edible school garden from Blue Cross Blue Shield of MS Foundation in the amount of \$119,814.00. The grant will allow for updates/enhancements to three greenhouses, aquaponics system, hydroponics system and plant materials. An edible school garden connects students and their



families to fresh produce by teaching them where healthy food comes from and how to grow it through nutrition education and culinary experiences.

Pictured (left to right) Ayden Wolken, Sy Sullivan, Patti Braddock (Advisor), Eli Thomas, Rob Banks and Caitlyn Henry. Not pictured: Lauren Sullivan.

Burge Earns Student of the Month Honors from MCEF

Recognition celebrates top-performing career and technical education students

Submitted by: Heather Burlison



Levi Burge, a third-year welding student at Pearl River High School Career and Technology Center, is being honored by the Mississippi Construction Education Foundation as student of the month for the state's southern region.

Burge is a leader in the classroom and the shop. Touting a 3.6 grade point average, he holds core and welding credentials from the National Center for Construction Education and Research. His skills earned him top honors in the 2019 FFA welding competition

along with the class award for welding.

Away from school, Burge enjoys construction work with his father in addition to serving as a firefighter with Derby Whitesand Volunteer Fire Department. Upon graduation, he plans to work as a pipefitter for two years before establishing his own mobile welding service.

"We congratulate Levi for earning student of the month honors and for being an excellent representative of high school career tech programs in Mississippi," said Mike Barkett, MCEF president. "We're proud of our students of the month for helping ensure our state has a highly skilled workforce to support the state's growing construction and manufacturing industries."

Students of the month are selected from MCEF's three districts based on grades, attendance, discipline in class, outstanding achievements, leadership abilities, and post-graduation plans. All compete for student of the year honors at the foundation's annual awards program next May.

CTC Participated in Mock Presidential Election

Submitted by: Tracy Hardy

Students at the Kosciusko-Attala Career Tech Center participated in a mock Presidential election on Tuesday, November 3rd. Students reviewed the ballot and were encouraged to discuss the election with their parents. It was a great experience to better understand the importance of the voting process. Pictured are Automotive Services students with their "I Voted" sticker. (front l to r) Cade Nabors, Isaac Harris, Tyler Weaver, Karmen Cockrell, (back l to r) Cristian Covarrubias, JJerid Sumners, Jacob Sims.

#WeVoted #WeMakeADifference



Simpson County Tech Center Features Its Diesel Service Technician Program

Submitted by: Joe Ann Floyd

Simpson County Technical Center is featuring its Diesel Service Technician Program. In the Diesel Service Technician Program students gain experience in the day to day operations of a live diesel repair shop in conjunction with a systems-based classroom component. Through theory lectures, shop field trips, student driven research, computer-based learning software and lab training students will spend time investigating each of the following diesel systems: engines, fuel injection, electrical systems, hydraulics, air brake systems, preventive maintenance, power tools, fasteners, and equipment. Students will learn

diesel engine overhaul skills needed to enter the field as an agricultural, industrial and consumer products technician. Tractor trailer trucks and construction equipment maintenance are included in the program. Students enrolled in this program have the option of joining SkillsUSA, the student organization for career and technical students. Through SkillsUSA membership, students have the opportunity to showcase skills learned at various competitions at the district, state, and national levels. Alan Sanders, Instructor, demonstrates to Diesel II students the maintenance of diesel engines.



Pictured (left to right): Jimmy Cliburn, Kody Mc Elroy, Quinn Caughman, Preston Franklin, Alan Sanders (Instructor), Jayden Bridges, Michael Winstead, Michael Smith, Jacob Sanford, Logan Smith, and Zachery Johnston.

Simpson County Tech Center FFA Stars

Submitted by: Joe Ann Floyd

FFA Stars over Mississippi were displayed at the MS State Fair in the brand new Trademart! Simpson County Tech Center FFA is represented by Eli Thomas as a State Star in Ag Business and Thomas Williamson as State Star Finalist in Ag Placement. The advisor for the Simpson County Technical Center FFA Chapter is Patti Braddock.



Simpson County Technical Center Is Proud To Feature Their Construction & Carpentry Program

Submitted by: Joe Ann Floyd

Simpson County Technical Center is featuring their Construction Trades Program. Pictured (left to right) are second year students Romanuel Barber, Austin Clark, Maurice Bryant – Instructor, Andrew Smith, Bryce Jensen, Jacob Harvey and Stephen Berry. Mr. Bryant is demonstrating to students how to lay a plat-form floor system and then square it up during a carpentry project. The Construction & Carpentry Trades Program is designed for students who are interested in pursuing a career in construction or a career related to the construction industry. Students in the program have the option of joining SkillsUSA, the student organization for career and technical students enrolled in this program. Mr. Bryant is the SkillsUSA advisor for this program.



CCDTC Early Childhood 1 Students

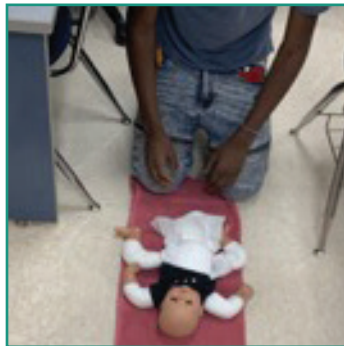
Submitted by: Monica Mitchell

Eight weeks of confidence, commitment, creativity, flexibility, diversification, and compassion have made the Early Childhood Education class successful. Here at CCDTC, our ECE students are eager to learn. The students are excited about virtual learning. The Early Childhood II class teaches the importance of the right learning environment for special needs children. The Early Childhood I class is working toward recognizing and explaining caregivers' responsibilities for protecting children's health and safety.

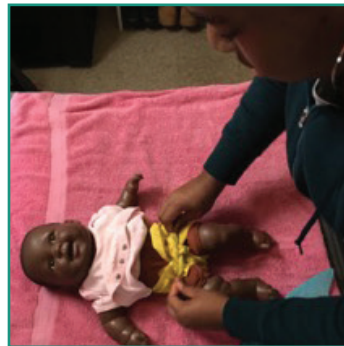
Today, we captured some of the Early Childhood 1 students investigating and demonstrating the proper procedures according to the MSDH regulation guidelines for health, hygiene, safety, and diapering.



Myla Jenkins



Marcus Marshall



Tierra Hickman



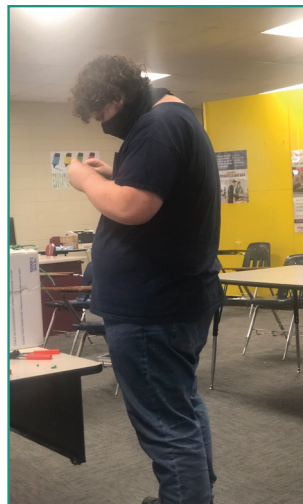
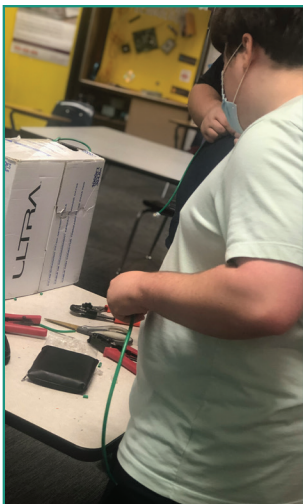
Sabrina Smith

Cleveland CTE Center's Students Learn About Network Infrastructure

Submitted by: Monica Mitchell

As the year unfolds in Information Technology II, students are learning different network infrastructure. Students can identify what makes the network internet connectivity, management, business operations, and communication possible in this unit. To make it all possible, students start with basic knowledge of knowing how networks are connected by making Ethernet connections cable to make it all possible to communicate with each other.

Patrice Artis, Teacher and Monica Mitchell, CTE Director



First Quarter Final Hustle

Submitted by: Monica Mitchell

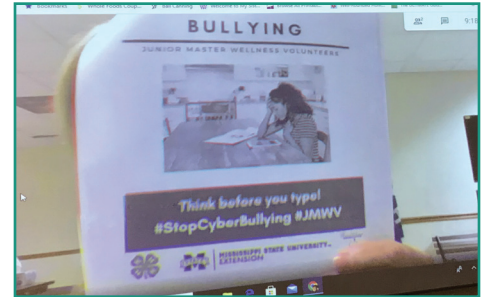
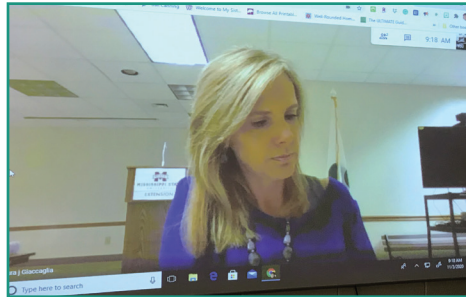
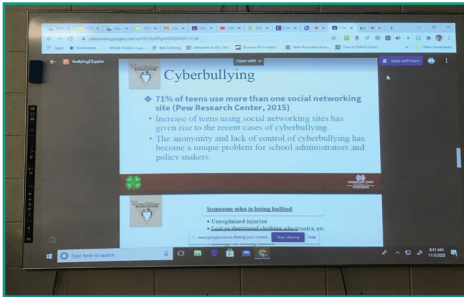
Students make the mad dash to Student Services to complete makeup work, exams, and redo projects as the nine weeks comes to a close. When asked why the issues, the most common answer has been getting adjusted to virtual learning both at home and in the face to face classroom. Internet issues and just forgetting were at the top of the list. Student Services Coordinator, Mrs. Jackson, reiterates the importance of students managing their assignments and prioritizing their school schedule regardless of being virtual or face to face. Students also understand that help is available, and they shouldn't wait until the last minute to finish. Students were able to receive assistance and were treated to snacks while hustling toward the first quarter finish line. Equonda Jackson, Student Services Coordinator and Monica Mitchell, CTE Director

Junior Master Wellness: Cyberbullying

Submitted by: *Monica Mitchell*

Health Care and Clinical Services, Law and Public Safety, and Early Childhood had Mrs. Laura Jane Giaccaglia of the Mississippi State Extension office present the Junior Master Wellness module on Bullying. With the increase in teens using social networking sites, there is a rise in Cyberbullying cases.

Paula Sington, Health Science Teacher and Monica Mitchell, CTE Director

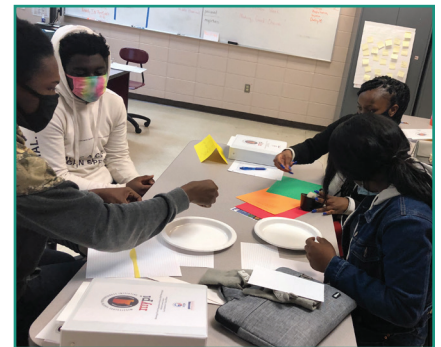


MY Pi, Mississippi Youth Preparedness Initiative

Submitted by: *Monica Mitchell*

As a session for MY Pi, Mississippi Youth Preparedness Initiative, students in Law and Public Safety and Health Science Year II programs are learning basic skills to assist their community during a disaster. Students participated in a team project to stage an Emergency Operation Center. Students were given 5 minutes to create an action plan and 5 minutes

to carry out the action plan to lessen the impact of injuries by saving lives. Students were provided limited items to successfully carry out the plan. The overall goal of this activity is for students to understand the importance of teamwork, being able to think fast, to use whatever resources and supplies to help save lives and property. Valerie Wilbert, Instructor



Occupant Safety/ Impaired Driving Presentation

Submitted by: *Mrs. Khalilah Young*

On October 23, 2020, Jackson State University- Occupant Safety Coordinator, Keith McMillian, presented Occupant Safety/ Impaired Driving to Vicksburg Warren Career and Technical Law and Public Safety students at Hinds Community College. The students learned about occupant safety facts, the importance of seatbelts, and speeding laws. The goal of this presentation is to decrease the number of teen injuries and fatalities due to car crashes within the state. The students viewed a "No Seatbelt Crash Compilation" video and participated in a Kahoot game using their cellular devices.

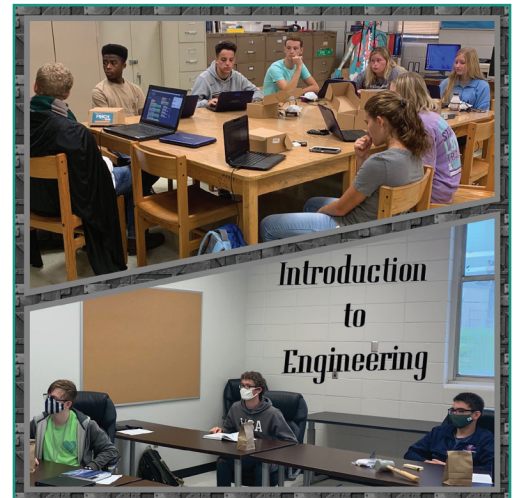


Intro to Engineering, Another Great Opportunity!

Submitted by: Kimberly D. Vaughn

“The best way to predict the future is to create it.” Students in the Vicksburg-Warren School District have the opportunity to explore the many facets of engineering through a partnership with the Vicksburg-Warren School District, Alcorn State University, and Mississippi State University. Through this collaboration, students in the district who may be interested in pursuing a postsecondary engineering degree can enroll in Intro to Engineering at no cost to them. Professor James Warren from Mississippi State University and Dr. John Adjaye from Alcorn State University travel to the Career & Technical Center at Hinds Community College to teach students weekly on Tuesday & Thursday.

Students enrolled in the course are able to sample many areas of engineering all while partaking in hands-on projects. The role of engineering in the world, the engineering profession, and the importance of engineering problem analysis are only a few of the concepts students learn while enrolled in this course. More than 25 students in the district have taken advantage of this opportunity and entered their postsecondary education with pre engineering prerequisites.

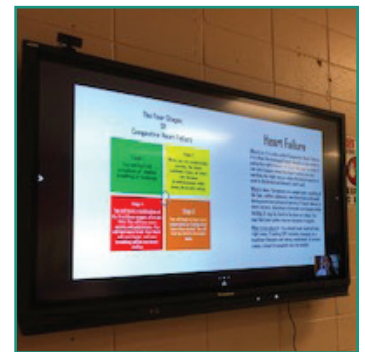


Code Red for Law & Public Safety

Submitted by: Monica Mitchell

Timia Wells, Community Heart Worker for Delta Health Alliance presented Code Red to Law and Public Safety students. Maintaining good physical and mental health is a part of a public safety worker. Students have reviewed the 5 components of physical health. Learning about the Cardiovascular system through Code Red was very helpful to students.

Valerie Wilbert, Student Services Coordinator Law & Public Safety and Monica Mitchell, CTE Director for Cleveland Career Development & Technology Center

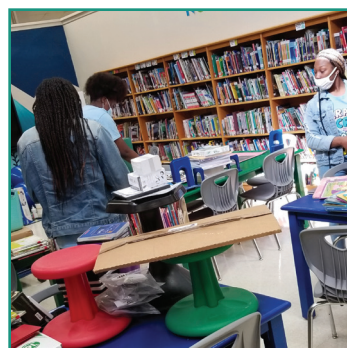


First Day of Field Experience

Submitted by: Monica Mitchell

The Teacher Academy students were so excited about their first day of field experience. As a part of the Teacher Academy curriculum, students participate in job shadowing in which they serve as teaching assistants in local elementary classrooms. For the 2020-2021 school year, they will be working at Pearman Elementary School. On the first day on the job, they helped with organizing the school library and getting it ready for the students to begin utilizing the library services.

Jennifer Williams, Instructor



Does High Cholesterol Run In Your Family?

Submitted by: Sylvia Lamb

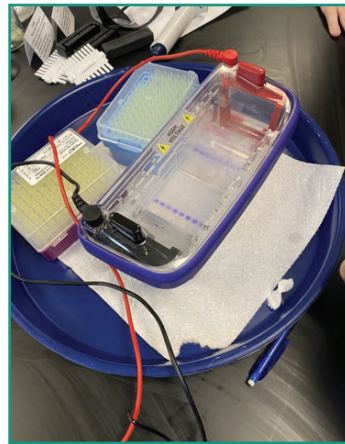
Mrs. Lamb's Year 1 Biomedical Science Classes have been studying Familial Hypercholesterolemia which is the technical name for high cholesterol that runs in families. They used the technique of gel electrophoresis to determine which family members were affected. They practiced micro-pipetting skills to draw up a tiny sample amount to insert into the gel. Over time, the fragments of DNA travel different distances, creating characteristic stripes or bands in the gel. Students learned how to analyze these banding patterns to determine the genetic code of each individual. This allows students to confirm the transmission of this genetic trait to all of the affected family members.



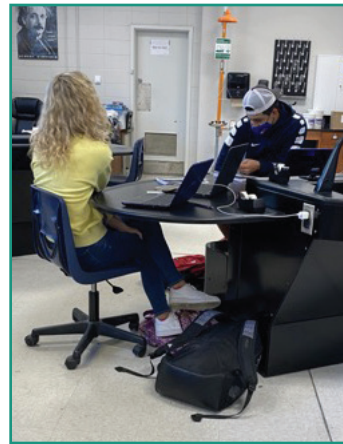
Chaney Parman (10th WC) in foreground, Left to right in background - Haley Nevels (10th WC), Kai'Mya Jackson(11th WC), Clearra Russell(10th WC), Layla Carter (10th VHS)



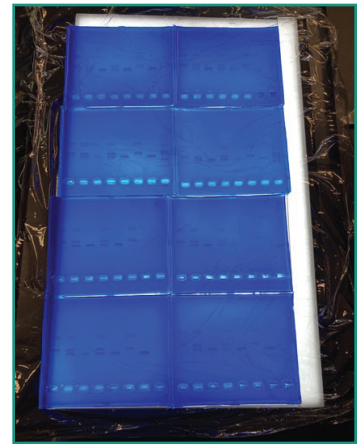
Ciearra Russell(10th WC), Layla Carter (10th VHS)



Gel Electrophoresis apparatus hooked to a power supply to disperse the DNA fragments.



Analyzing results can be challenging. Lorali Lacey (10th WC) and Blake Channell (10th WC)



DNA bands formed in the gels. The blue color comes from a dye.

Vicksburg Warren CTE First Year Health Science Resume Building

Submitted by: Melissa W. Smith

Health Science I students of Vicksburg Warren Career and Technical Center at Hinds Community College have started the process of properly writing their professional resumes. Ms. Vera Igbokwe and Mrs. Gloria Thomas, the Health Science I instructors, partnered with Dr. Carmen Abston, Writing Center Coordinator of Hinds Community College to teach the students the correct techniques of resume writing. The students will continue to build on their resumes next year within their Health Science II course taught by Mrs. Elosie Ford. During Health Science II, they will use their resumes to participate in the mock interview process provided by members of the local healthcare industry. Dr. Abston was able to provide the resume and cover letter instruction to traditional and virtual learning students through the Zoom platform.



Cleveland CTE Center College Options

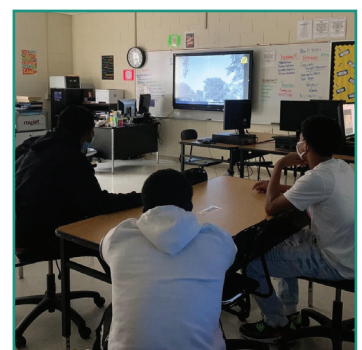
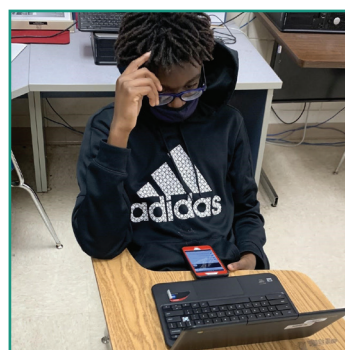
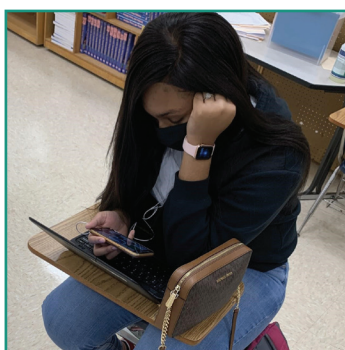
Submitted by: *Monica Mitchell*

Students at the CCDCT are checking out their College Options as this week they participated in DSU's Spotlight Day and the HBCU College Fair. Tuesday, November 10, students got a chance to witness a 45-minute presentation of Delta State University's many offerings that our students will be able to choose from very soon. Students could also see a bit of student life outside of classes such as sports and Greek Life. The students were also allowed to participate in a TikTok challenge, with the winner receiving \$500.

On Wednesday, all students had the opportunity to get a glimpse into Historically Black colleges and universities across the US. For many students, this was the first time they had ever heard of HBCUs. Presenters discussed the pride, heritage, and sense of belonging of attending an HBCU. The students also heard from minority students attending different colleges. Health Science student Mariah Kimber said, "I enjoyed the presentation. It was great to get a chance to see the differences and go into the individual virtual booths and

talk to recruiters about scholarships and unique programs I was interested in." Students also had the opportunity to apply for entry to the University of Alabama free of charge this week. The week's activities are a part of the Student Services initiative to make college and careers accessible to all students.

Equonda Jackson, Student Services Coordinator and Monica Mitchell, CTE Director



"Giving Is Not About Making a Donation, It's About Making a Difference."

Submitted by: *Kimberly D. Vaughn*

Students and faculty at the Vicksburg Warren Career & Technical Center give back to a local family shelter. Student members of Future Business Leaders of America, Future Health Professionals and the National Technical Honor Society collected non-perishable food items to donate to 17 families at the local Living Lives Shelter. The shelter is one of three in the state of Mississippi that allows families including men to live in the shelter with no time limit on how long a family can stay. Food boxes were packed and delivered to the shelter along with a pre-Thanksgiving dinner cooked and provided by the Culinary Arts program.



Amy Price

Beverly Casteel / The Star-Herald

Amy Price, Health Sciences instructor at the Kosciusko-Attala Career Tech Center, always liked helping people.

“I had a hard time deciding whether or not I wanted to be a nurse or a teacher. Ironically, I now do both,” said Price.

The instructor of Health Sciences I and II is required to be both a registered nurse and a certified teacher. She keeps up both licenses in order to perform her duties.

“I love what I teach, and I love the high school level. It is very rewarding to guide this age,” Price said of the impact she has on young people.

The Health Sciences program is a two-year curriculum for grades 10-12 which prepares students who want to enter the medical field.

During the first year of the program, students learn terminology, technology, the body systems, and become CPR certified.

During the second year, students are in the lab more and learn more hands-on. They also do clinical rotations at various facilities in the area, such as clinics, nursing homes and funeral homes.

However, with the Covid-19 pandemic, Price does not know what clinicals will look like this year.

“I am talking to sites, and some will still allow them to come, while others will not. I’m just not sure yet how it will all play out,” Price said.

At the end of the two-year program, the students will take the Certified Nurse Assistant test and earn the CNA license.

“I’ve had former students work part-time as CNAs while they were in



nursing school or some other medical field. As a matter of fact, one of my first students will soon be graduating from med school, and he worked part time as a CNA during some of his schooling,” Price said.

The Health Science program also helps prepare students for the subject matter that they will tackle.

“Some former students have told me that they have had an easier time in courses like Anatomy and Physiology due to what they learned in my class,” she said.

The program is also participating in the Mississippi Youth Preparedness Initiative through Mississippi State. The MYPI program trains them to be first responders.

“If we get in a situation like we did a few years ago when the tornado came through Louisville and there was not enough help, my students can actually do triage and help in other ways,” Price said.

Students are also responsible for making sure their own families are prepared for emergencies.

“They talk to their families about things like fire extinguishers, exit routes in case of fire, and a host of other things. Then they talk to six other families about preparedness. If I have 10 students go through MYPI,

then 70 families have been trained in preparedness in Attala County. It is a really good program,” she said.

Before turning to teaching, Price worked as a nurse in various capacities, such as Home Health, hospital settings and VA outpatient clinics.

“When I worked with VA outpatient clinics, I traveled a good bit, and I finally decided I wanted to stay put. The job here came open, and I have been here 13 years and I love it,” Price said.

Price is married to her high school sweetheart, Jay, and they have three children, Loftin, Lucas and Mary Kimble.

As for free time, Price and her husband prefer to spend it going to the children’s activities.

“All of my kids are athletic and we spend a lot of time attending their sporting events. We love sporting events and spending time with family,” she said.

The family also attends First Baptist Church, where they are very active. “We attend anything that the kids are doing at church, and Jay and I both sing in the choir,” said Price. The couple also teaches the college program at the church. Other activities that the family enjoys include fishing and boating.

Taylor Stewart and Moleyia Harmon

The Star-Herald
Thursday, Oct. 15, 2020

Beverly Casteel / The Star-Herald

From high school students to farmers and entrepreneurs, Taylor Stewart and Moleyia Harmon are making an impact in the agricultural arena. Seniors at McAdams High School, Stewart is the 17-year-old daughter of Mark and Bobbie Stewart, and Harmon, also 17, is the daughter of LaShonda Felton and Bruce Harmon.

Although both girls grew up in agricultural families, they became more interested when they enrolled in the Ag program at the Attala Career-Tech Center under instructor Kenneth Georgia.

The young women have enjoyed the Ag program, a two-year program designed to teach students about all aspects of agriculture.

“I liked growing vegetables and planting flowers while in the classes. I also liked dissecting the cow’s stomach,” Harmon said. “I was raised in agriculture and it’s all I’ve been around.”

She grew up watching her dad farm and helping her mother and uncles with three big gardens, which raised a variety of vegetables. “I’ve gotten wiser about the importance of agriculture,” she said. Stewart also enjoyed the plants and the greenhouse part of the program.

“I like all types of plants, especially elephant ears,” said Stewart, who also grew up with a father who farmed and raised cattle. “I realized how much I wanted to be involved with cattle.” From there, it seemed only logical that Stewart would take steps to acquire her own herd.

“I was inspired by my brother and wanted to do the things he did,” she said. “Of course, Mr. Georgia egged us on as well,” Stewart said.

With Georgia’s help, Stewart applied for a \$5,000 USDA loan to start her own herd and Harmon also applied and received a \$5,000 loan for youth from the USDA.

“I have eight cows in my herd,” Stewart said. “I saw my dad’s success with his own herd, and Mr. Georgia also egged me on,” Harmon said of her inspiration. “I now have five beautiful cows in my herd.”

Both young women work long hours with their herds, despite their class loads and part time jobs.

“I enjoy being outside and it’s very rewarding. It’s hard days, but it’s worth it. On the weekends, I work from around 7 a.m. to 1 or 2 p.m. in the afternoon,” said Stewart.

Harmon also appreciates the rewards of working hard.

“I like watching something I have put the work into,” she said. She works on her herd during the week and hopes to one day acquire enough land to separate her herd from her father’s.

Both young woman plan to continue farming, although both see it as a side business and plan to have careers in the medical field.

“I hope to go into physical therapy and have my cows on the side. I plan to have about 100 cows when I’m older,” said Stewart. The USDA loan will be paid up in about a year, and Stewart will be debt free and ready to expand her herd.

Harmon plans to be a registered nurse but hopes to keep expanding her herd.

“I hope to have 20 cows by the time I’m 25,” she said. “Hopefully, I’ll be able to start a stockyard sometime down the road.”



Both Taylor Stewart and Moleyia Harmon spend a lot of their time with their new herds.

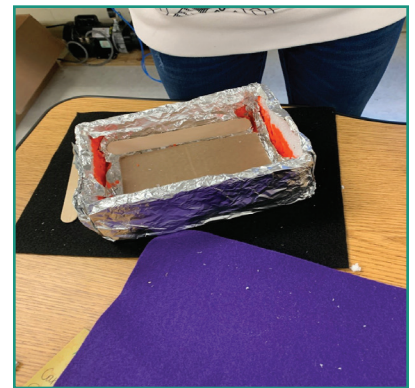
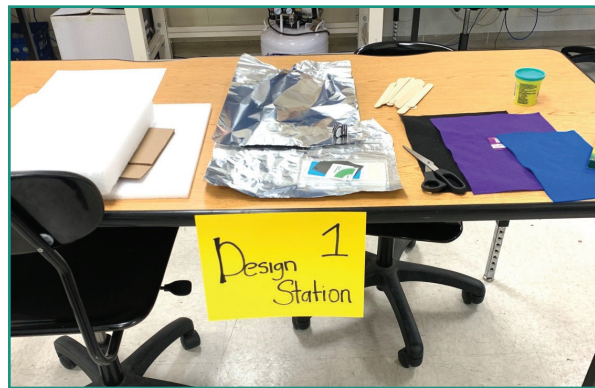
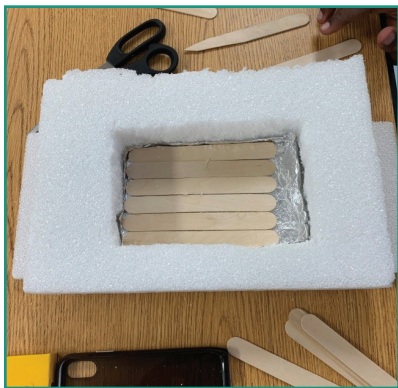
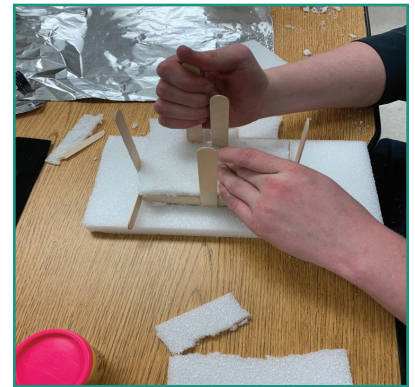


Engineering at Cleveland CTE Center

Submitted by: *Monica Mitchell*

During this week, Engineering II students further knowledge in Unit 11: Advanced robotics. Students learned advanced terms associated with robotics and programming. Many students could apply the terminology to the correct robotic programming feature when asked to do so. Students have shown great interest in learning more about robots' actual programming rather than the assembly process. Students have mastered the first few concepts of Robotics. Next week will move into the math component of Robotics. Engineering I students this week have wrapped up the Engineering Design Process unit with a project. Students were challenged to create a Smartphone case prototype that could withstand being dropped from 2 meters over two times. Students were only allowed to use Popsicle sticks, magnets, foam blocks, cardboard, playdough, fabric, foil paper, glass screen protector, and a hot glue gun. For two days, students brainstormed, researched, and perfected their design to their desire. Once students completed their design, they wrote out the steps they took to get to the final design using the Engineering Design Process.

Kayla Gibson, Instructor
Monica Mitchell, CTE Director



FCAHS Teacher Award Winner!

Submitted by: *Melissa Smith Graham*



Ms. Kayla Walters, Agriculture & Natural Resources/Horticulture instructor at Forrest County Agricultural High School, was selected to represent Mississippi at the National Association of Agricultural Educators (NAAE) Convention as a part of the 2020 NAAE Teachers Turn the Key program. The purpose of the program is to encourage young teachers to remain in the teaching profession and participate in professional development activities. Ms. Walters completed a lengthy application process which included a narrative documenting her leadership development, professional growth and teaching philosophy. She will be recognized at the NAAE convention next year, which is part of the prize package she was awarded, along with professional development activities/materials.

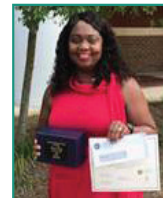
Tupelo Career-Technical Center Teacher Celebrations

Submitted by: Evet Topp

Congratulations to Tupelo Career-Technical Center's Cerritos Johnson (Student Services Coordinator) on being named RCU's (Research and Curriculum Unit) August Teacher Spotlight



Congratulations to Tupelo Career-Technical Center's Natasha Richey (Early Childhood Education Teacher) and Sherry McGaughy (Student Services Coordinator) on being named Nominees and/or Recipient of the CREATE Foundation and AEE (Association for Excellence in Education) Teacher of Distinction Award



Congratulations to Tupelo Career-Technical Center's Jayme McIntosh (Welding Teacher) on being TPSD's (Tupelo Public School Districts) Week 13 Teacher Spotlight



Congratulations to Tupelo Career-Technical Center's August Employe of the Month and Teacher of the Year, Kimetra Bernard (Law & Public Safety Teacher)



Congratulations to Tupelo Career-Technical Center's September Employe of the Month Jeannie Miller (Health Sciences Teacher)



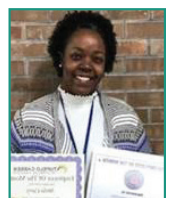
Congratulations to Tupelo Career-Technical Center's October Employe of the Month Scott Bridges (Construction Teacher)



Congratulations to Tupelo Career-Technical Center's November Employe of the Month Myra Cox (Teacher Academy Teacher)



Congratulations to Tupelo Career-Technical Center's December Employe of the Month Melia Curry (Culinary Arts Teacher)



Itawamba Career and Technical Center Welding Students

Submitted by: Dusty Thompson



Welding students at Itawamba Career and Technical Center built a very nice hand rail.



Welding 2 students at Itawamba Career and Technical Center with their graded pipe weld coupon bend tests.

Tupelo Career-Technical Center Student Celebrations

Submitted by: Evet Topp

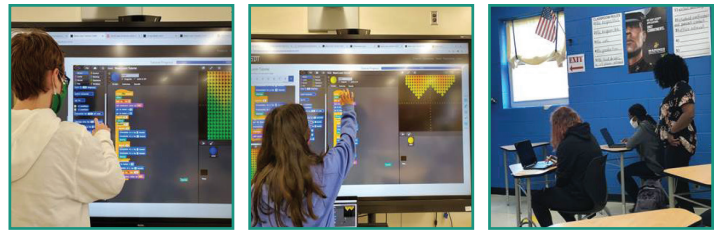
Tupelo Career-Technical Center’s Digital Media class has spent the first semester doing what they love, all the while social distancing. So far, they have had the pleasure of being lead by their Digital Media Teacher, Amanda Walker, and are off to a good start of learning and showing their understanding of framing a shot, picture depth and controlling camera moves.



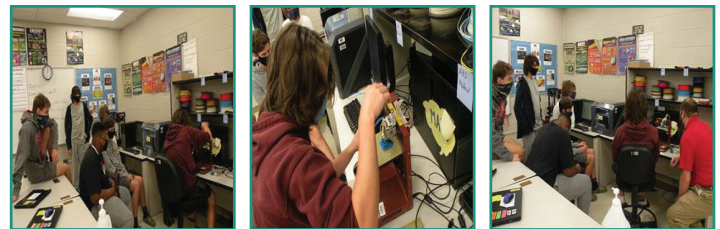
Mrs. Prince’s Marketing students at the Tupelo Career-Technical Center are excited to be back in the swing of things and are collaborating with their peers on building products under different types of economic system conditions, while learning the difference between each system.

Tupelo Career-Technical Center’s

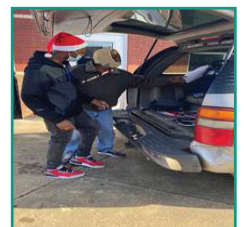
Exploring Computer Science is introducing students to the world of coding through hands-on learning that’s made fun by the STEM teacher Mrs. Bankhead. Innovation is incorporated daily, providing real-world experiences that foster the utilization of higher order thinking skills.



Tupelo Career-Technical Centers Engineering class always enjoys utilizing 3D Computer Aided Design and Drafting Software (CAD). The students are able to transfer skills learned through the instruction of the Engineering teacher, Thomas Darsey. The students are high skilled, high tech and college and/or career ready.



Mr. Bradley’s Collision Repair Class celebrates Christmas annually by serving others. The Collision Repair Class Annual Community Service Project began in the Fall of 2017. It allows the students in the course to graciously give back to our community, while at the same time preserving our environment. The Sharing At Christmas Project solicits individuals throughout Mississippi to donate used bikes so the Collision Repair Students can recycle them for give away at Christmas time for children and adults that may need some form of activity or transportation that they could not otherwise afford. For Christmas 2020, the program was able to donate 40+ bikes to individuals in our community and surrounding areas. Individuals that have questions or want to donate to the “Sharing At Christmas Collision Repair Bike Project”, please contact the Tupelo Career-Technical Center office at 662.841.8990.



Lincoln County School District Welding Pilot Program

Submitted by: Courtney Myers

Lincoln County School District (LCSD) has started a welding pilot program that allows high school students to complete coursework and obtain certifications through the Certified Welding & Testing Company, a member of the North American Welding Group. In this program, industry standards are both demonstrated and met within the guidelines of an approved on-line curriculum and course framework.

As result of the COVID constraints, LCSD students attend a hybrid schedule with most Wednesdays being an on-campus learning day for virtual learning students only. The LCSD has utilized this time for the welding pilot program for students who are not required to be on campus for traditional or virtual learning. The four students from each of the county schools, Bogue Chitto, Enterprise, Loyd Star, and West Lincoln, attend the welding program at the Loyd Star Agriculture Industrial Art Building from 8:00 am to 1:00 pm. each Wednesday. The agricultural instructors from each county school are also completing the certification processes so that the welding program may be offered at their respective schools in the fall.

In addition to the welding pilot program, students are engaging in experiential learning by working with area agricultural mechanic businesses to learn basic workforce skills such as reading blue prints, creating projects according to specifications, and setting up equipment. Potentially, students may earn up to four certifications from the initial coursework and laboratory experiences:

- Ø AWS D1.1 Tack Welder
- Ø AWS D9.1 Sheet Welder
- Ø AWS IX Fillet Welder
- Ø AWS Oxy Fuel

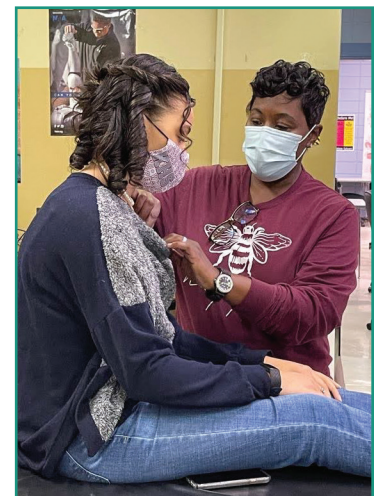
The Lincoln County School District is very optimistic about the future career opportunities for these students.



Health Science Guest Speaker

Submitted by: Tracy Hardy

Health Science II students at the Kosciusko-Attala Career Tech Center had a presentation on the importance of a Holter device. Roshelle Noel, RN, spoke about using a Holter device for cardiac monitoring and how it works. Students were able to observe how the monitor is placed and removed on a patient. This was a great clinical learning experience! #WeLoveOurCommunitySupport



Information From Pass Christian Middle School

Submitted by: Robyn Killebrew

The CTE program at Pass Christian Middle School is bringing real-world applications to life in the physical and virtual spaces of the classroom.

Students in the 6th grade Cyber Foundations I class are discovering life on a budget. Students are learning how to plan and track expenses on spreadsheets. They are also finding out the differences between debit and credit cards, and between gross and net income. Students just completed a unit on hospitality and tourism where they created multimedia presentations highlighting the best career opportunities in our area with a focus on those that depend on the tourism industry. Soon, we will begin our unit on coding.



Students of the 7th grade Cyberfoundations II class are exploring the functions and fundamentals of spreadsheets. They are learning how to organize multitudes of information and present it on a spreadsheet in charts, tables, and forms. Once complete, we will be moving on to programming. We will look at programming for entertainment by investigating the use of shapes, sprites, drawing loops, and movement in gaming and animation.

The Exploring Computer Science course enables the 8th grade students to have the information and tools needed to create their own personal web pages. Utilizing the web-lab from Code.org they have learned to not only code web pages using HTML and CSS but how to express ideas or thoughts through the use of web sites. "I am constantly blown away by the creativity and ability of these 8th graders; they truly are going to change the world through the use of technology," says Mr. Brandon Warden, ECS Teacher.

Students have recently learned:

- How to use HTML to structure the content of your page
- How to use CSS to style the text, colors, and layout of your page
- How to format your code to make it easier to read
- How to debug HTML and CSS code
- How to use use images in a responsible way

Below are links to websites 100% designed and coded by students:



Will W. - <https://codeprojects.org/asj0MwfcxwivgJWC9irsfZlxQAvmtLuDrFDt0tqo2s/>



Anthony C. - https://codeprojects.org/zk37Xfew4z29cN_CHk5SPn9y0O5oAruvM-H4vt936bY/



Morgan M. - <https://codeprojects.org/z5ZS4OfaGv98IOR-DO2SdQr3YHMvcNulL28-TR6j4aUw/>

Instructors of these CTE courses at Pass Christian Middle School are ecstatic that we can teach objectives to students who can then use this information in both a college and career setting.

Georgia Receives State FFA Award

Submitted by: Tracy Hardy

Mr. Kenneth Georgia, Agriculture instructor and FFA advisor at the Kosciusko-Attala Career Tech Center, was recently honored by the Mississippi FFA with the Distinguished Teacher Award. The plaque quoted, "Because your love for agricultural education has inspired, influenced, and made a positive difference in the lives of the members of the Mississippi FFA Association." Congratulations Mr. Georgia!



Digital Media Classroom at the Itawamba Career & Technical Center

Submitted by: Andy Nichols



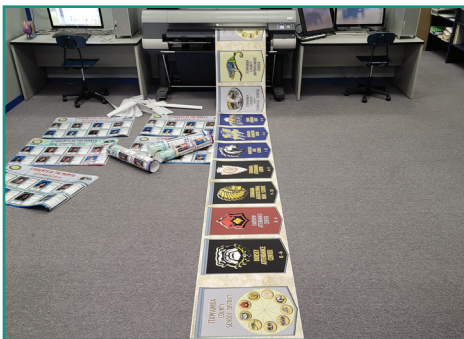
Digital Media Year 2 students working in the Itawamba School News Podcast Center.



Digital Media Year 2 student working in the Soundbooth.



Digital Media Year 1 class - Print Production.



Digital Media Year 1 class - Print Production.



Digital Media Year 1 class - Print Production.



Digital Media Year 1 class - Print Production.

Red Ribbon Week

Submitted by: Tracy Hardy

Students at the Kosciusko-Attala Career Tech Center recognized Red Ribbon Week by taking the pledge to be drug, alcohol, and tobacco free. Students also participated in a presentation by Lynn McCafferty with the MS Tobacco Free Coalition. The presentation focused on informing students about the harmful effects of tobacco use, exposure to secondhand smoke, and informing students about tobacco cessation services.

#REDRIBBONWEEK #JUSTSAYNO

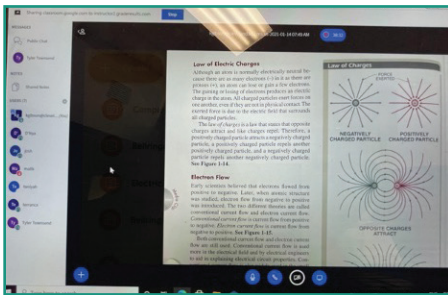


Cleveland CTE Center News

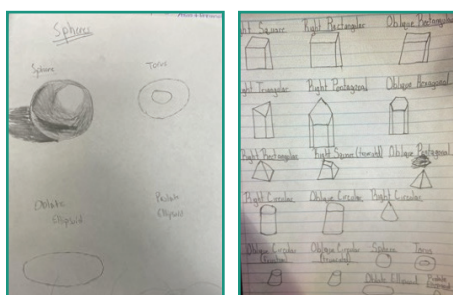
Submitted by: *Monica Mitchell*

Engineering

During this week of class, students returned from an unexpected snow day. Engineering II students are currently on a new unit, Electrical Systems. In the Electrical System unit, students are learning the basics of an electrical unit. Students have been able to identify electrical circuits running in a series & parallel circuits. Students also were given a brief history of the electrical system. Students were able to identify terms associated with electricity and apply those terms to science and engineering. In the picture below is a photo of the law of charges. I used this excerpt from our book for this unit, "Electrical Principles and Practices" 4th edition, to give students a visual representation of the Law of charges.



Students are furthering their knowledge of CAD. This week I challenged students to draw as many shapes in a 2D and 3D format as accurately as possible without having grid paper (proper paper used to sketch). This activity was used to see if students could sketch shapes commonly used in the Computer Aid Design field without having an outline to follow. Students were given a list of names of different prisms, trapezoids, and ellipses to draw out. Students will apply their knowledge to 3D print a shape independently in the coming weeks, with accurate measurements and precise surfaces. In the pictures below, you will see the students' progress throughout the week with sketching shapes. Kayla Gibson, Instructor



Health Science

Health Science has had a busy month this December. Hannah Brown (pictured below), second-year Health Care and Clinical Services, is being celebrated as the Future World Changer for December.

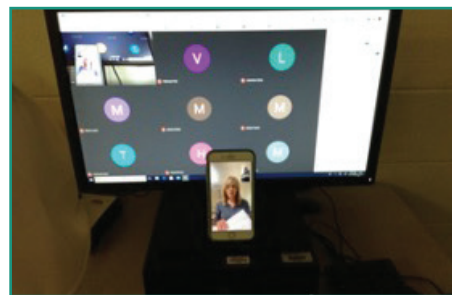


We attended the virtual HOSA -Future Health Professionals Fall Leadership Conference on December 9, 2020.



Pictured above from left to right: Marcus Lewis, Shaniya B. Jackson, and Yaacelyn Lucket.

Health Care and Clinical Services, Early Childhood and Law and Public Safety year two participated in our Junior Master Wellness Program.



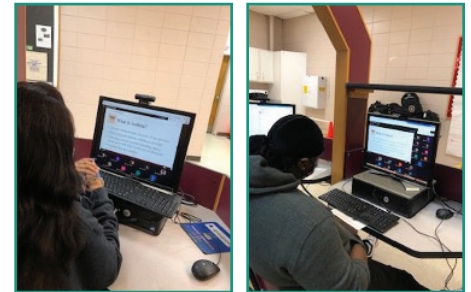
Pictured above is Laura Jane Giaccaglia with Mississippi State Extension presenting information on substance abuse.

We enjoyed our Christmas break and are back at it, ready to learn. Paula Sington, Instructor

Law & Public Safety

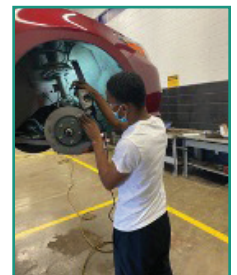
Students in Law and Public Safety Year I are currently learning the roles and responsibilities of the police under the History of Law Enforcement. This week students have

learned rules for conducting a traffic stop. Students were excited to hear and watch videos of basic traffic stop, felony traffic stop and how to control risk factors during a traffic stop. The students will perform a skill test by creating a Flipgrid video next week to explain the steps of conducting a traffic stop. Year II Law and Public Safety students are researching the requirements for Emergency Medical Responders. Students have learned the importance of patient care and protections as it relates to HIPAA. Year II students understand the importance of the 911 system of many public safety agencies working together to provide safety, protection, and preventive measure to the general public. Students took part in an Asthma Awareness presentation from Mississippi State University, Junior Master Wellness Program. Valerie Wilbert Instructor

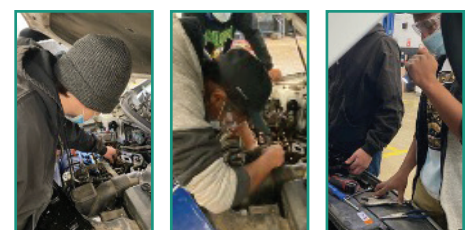


Automotive Technology

Micheal Warren removed and replaced brake pads and brake rotors.



Myles Jenkin, Marcuse Idelburg, and Clayton Taylor are repairing an oil leak. The students drained the oil and removed and replaced the valve cover gasket. After removing the valve cover gasket the students added fresh oil, replaced the oil filter, and replaced the drain plug. George White, Instructor



ACT WorkKeys: National Career Readiness Certification



Submitted by: Jennie Noonkester

Hattiesburg High School Career and Technical Department implemented the Workkeys Curriculum in 2017 into all programs in order to teach students additional job skills. During the 2107-2018 school year, second year program students began using the curriculum to prepare for the National Career Readiness Certification. The Workkeys test assesses job skill readiness in three major areas: Applied Math, Graphic Literacy, and Workplace Documents. Students receive scores ranging from Bronze (level 3) up to Platinum (level 7). While a bronze score is passing, industry and the Mississippi Department of Education recognize Silver Level (4) as the benchmark. As students proceed through their two year CTE programs, they engage in a mapped out lesson plan aligned to the College and Career Readiness Standards. During the Fall of 2020, 36 CTE students have thus far completed their Workkeys assessment. Thirty-four out of the 36 students received Silver level or above. The students earned their rank from the lowest score of all three levels. For example, students must earn a platinum in all three tests in order to achieve the level rank. Of the 36 testing in the Fall, 8 students earned Platinum, 13 Gold, and 13 Silver.

Creating Real World Opportunities and Building Program Assets One Step at a Time

Submitted by: Mo Graddy

The Law and Public Safety course at the Tippah Career and Technical Center has just stepped up its game when it comes to Crime Scene Investigation. When LPS Instructor, “Mo” Graddy, took over the program in 2019, he saw that the program had many great things working but the program could use some additional development. He began to talk with local businesses, industries, and medical personnel to begin building the assets of the program. Over the past two years, the program has received numerous monetary donations that have helped acquire additional equipment for the medical portion of the course, purchase classroom kits for fingerprinting and DNA analysis, and obtain and outfit a golf cart to be used in various scenarios. However, what he really wanted to complete the program was a small RV, portable trailer, or small building so various crime scenes could be staged for the Fire and Law Enforcement units of the program.

Mr. Graddy planned for the dedicated area to be a place where all LPS students could participate in large projects together. Mr. Graddy went on to state that he “knew students would benefit from the classroom instruction, classroom role play, and by using project kits like those used to analyze fingerprints and DNA” but he wanted to create a Mock Field Experience area. He wanted LPS 2 students to have the opportunity to take actual fingerprints from doors, walls, and other objects and to check for blood splatter or for burn patterns in a mock fire. He wanted LPS 1 students to take the evidence and build a court case from both the prosecuting and defending stand points then determine penalties. The area would also be available for students to practice crisis management techniques and emergency medical situations.

Mr. Graddy first spoke with his Director in the fall of 2019 about the possibility of getting a trailer and a plan was made. Mr. Graddy, a retired MS Highway Patrolman, reached out for help to several contacts within the Department of Public Safety. After several letters, phone calls, and a trip to Jackson over the course of the spring of 2020, Mr. Graddy drove to Pearl, MS on October 29, 2020, and picked up an abandoned FEMA trailer left to the state in the aftermath of Hurricane Katrina.

The students of the Law and Public Safety classes all helped to wash, clean, and repair the inside of the trailer and now it is ready for its first Crime Scene Investigation project. Through video chats, professionals in various fields of public safety will give students their crime case details. Students will use the concepts and techniques learned in the classroom to either solve their crime including trying the case and determining the appropriate penalties, or set up disaster relief stations and practice emergency medical procedures. The students are very excited about getting these “real” opportunities for skill building.

Through hands-on projects and mock scenarios set up in both the classroom and in the Crime Trailer, the LPS program at TCTC strives to increase the skills knowledge of the students, give them an understanding of just how much time, training, and commitment it takes to serve in the public sector, and help them see how important enforcement of public law is to our society. An additional goal is to encourage students to show respect for all public servants and the jobs they choose to do, especially those who chose to serve in the field of law enforcement. The TCTC continues to build and improve the LPS program and donations like this trailer will give students mock-field experience and allow them to get a different perspective on investigations than what they see on television shows.



A huge thank you is offered to Sean Tindell, Commissioner of Public Safety – State of Mississippi; Randy Ginn, Chief of the MS Highway Patrol; and John Gentry, DPS- Governmental Affairs for the procurement and donation of the trailer. Mr. Graddy also thanks Mr. Tommy Walter of W G Construction for his help in transporting the trailer from Pearl to Ripley. The Law and Public Safety program of the Tippah Career and Technical Center greatly appreciates this generous donation and looks forward to exploring the investigation possibilities this trailer will allow students to experience.

Pictured are (L-r) Kevin Williams, TCTC Director, and “Mo” Graddy, LPS Instructor

Business, Marketing & Finance Students Help to Shine a Very Special Light

Submitted by: Kim Hinton

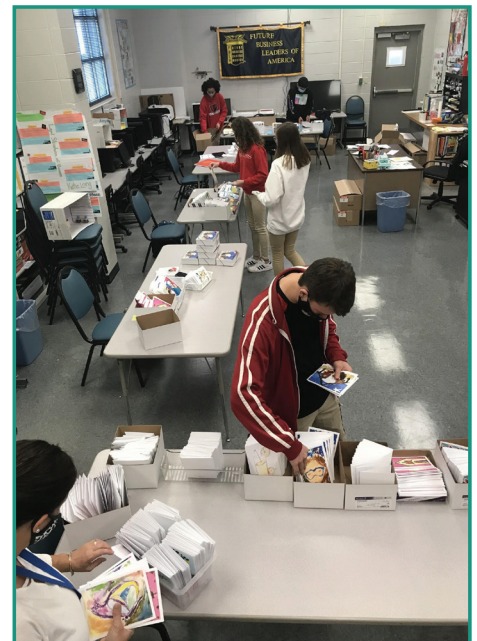
Business, Marketing & Finance students at Petal High School had the opportunity to fold, sort, package, promote, and deliver greeting cards to raise money for the Addison Morgan “Shine Your Light” Scholarship. Addison was born on January 9, 2009. During her brief time on earth, Addison spread sunshine through her love of art, of others, and of her Heavenly Father. Addison’s earthly light was extinguished on August 16, 2019, when she and her mom were involved in a tragic car accident. Addison’s mom is a counselor here at Petal High School and was the motivation behind our class becoming involved with this special project. All proceeds raised go to the “Shine Your Light” scholarship fund, which benefits high school graduates who are pursuing a college degree.

These students had the opportunity to learn what it means to be a part of something bigger than themselves. It gave our class the time to discuss the importance

of endowment of scholarships, so it will keep on providing many students financial support for college for many years to come. This scholarship not only helps keep Addison’s memory alive, but helps her mom share Addison’s original artwork and love for others with the world. Each of the greeting cards showcases one of Addison’s works of art and contains an insert about Addison’s life. They are being sold as a variety set, and we also sold a special Christmas assortment set.

Wayne Ross, owner of Commercial Stationary in Hattiesburg, also joined in on this project. He donated the boxes, envelopes, and printed cards to keep the cost minimal for these greeting card packages. Thanks to his generous donation, the money raised could go straight to the scholarship’s endowment. Currently, over \$6000 has been raised through sales and donations towards our \$10,000 goal.

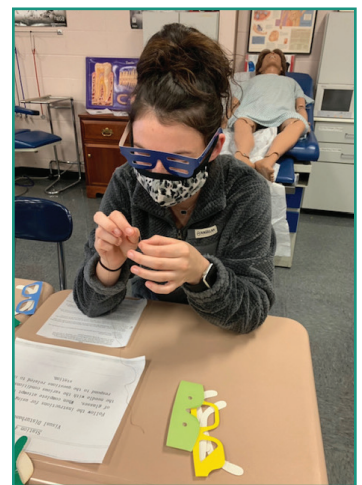
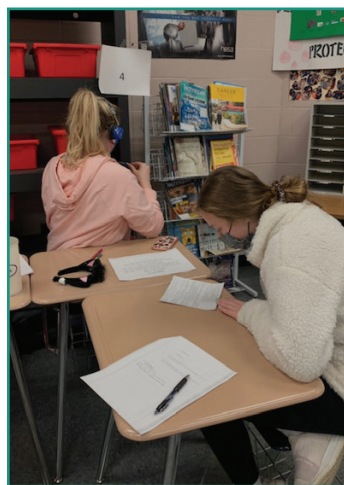
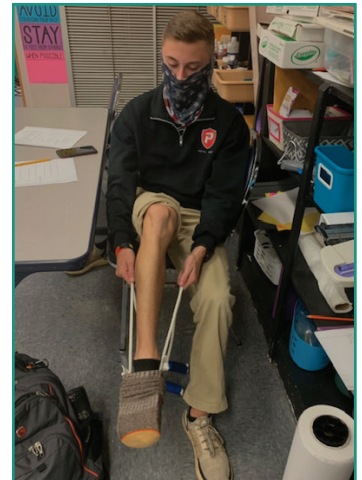
As a Business, Marketing & Finance teacher, I am thankful for the hands-on experience and compassion this project has and continues to provide for my students. Our class plans to continue this project, as we await more cards to arrive from the printer any day. Anyone wishing to support this scholarship fund by purchasing greeting cards or just to make a donation, may go online to <https://petal-ed-foundation.square.site/>



Health Science Students Experience a Dose of Reality

Submitted by: Karla Hogan

Petal High School Health Science II students participated in a Virtual Simulation Geriatric Lab in the classroom where they rotated through a variety of scenarios to help them better understand the effects of the aging process. The simulations included visual disturbances, fine motor skill impairment, gait issues with the use of the wheelchair, hearing impairment, and effects of having a stroke. This activity allowed students to be better equipped to empathize with their patients and family members who are elderly and help them with resources to assist in this process.



Engineering and Construction

Submitted by: Heather Crotwell

The Engineering II and Construction II class at PRCTC is partnering with KidSense, PA to design a therapy gym that will help to increase gross motor skills for kids with developmental delays. The gym will have a rock wall and slide that will be 100% student-designed and built with safety as the top priority. Students have completed a career research paper on an Occupational Therapy Assistant to better understand our client and their needs. They have completed scale drawings and are currently constructing a prototype for testing. It is estimated that this project will take about 4 weeks to complete.

Ag Power and Machinery

Submitted by: Heather Crotwell

Welding on the Farm - Ag Power received a donation from Donor's Choose of a little over \$500 in equipment (in PPE). Included in this donation were three welding helmets, three new pairs of welding gloves, three skull caps, and 50 safety glasses. Students have used this equipment in the shop with welding on various projects. This semester students have framed 2 deer stands and they have built ramps for several trailers and fixed several trailer hitches. All this work was done for the community.



Welding Students Hands-on Projects

Submitted by: Heather Crotwell

Welding students from Pontotoc Ridge Career and Technology Center recently completed two hands-on projects for Refrigerated Solutions Group in New Albany, MS. These projects included rolling material carts and sign posts that are to be used in their facility. Starting from a blueprint, students went through every step of the fabrication process under the guidance of their Instructor, Mr. Whisenant. Working in teams, class members rotated through the different steps - measuring, cutting, grinding, fitting, and welding. These projects were a great opportunity for students to see a real-world application of the skills that they are learning and to put those skills into action. Students are pictured with Mr. Kerry Hodges of Refrigerated Solutions Group, who took delivery of the finished products.



(l to r) Daelan Hollingsworth, JC Silver, Donivon Owen, Colton Sappington, Aaron Pannell, Brady Shettles, Tristan Gazaway, Cayden McCollum, Mr. Kerry Hodges



(l to r) Donnie Coats, Chance Johnson, Justin Carwile, Jackson Harlow, Ryan Shirley, Colton Boyd, Brody Crews, Dylan Tutor