

»» NEWSLETTER ««

DYERSBURG CITY SCHOOLS CTE

A Tradition of Excellence



THE GOAL OF DCS IS TO GROW EVERY STUDENT. #GROWWITHDCS

WHY IS GROWTH IMPORTANT?

Kim Worley,
Director of Schools

»» READ MORE

“At Dyersburg City Schools, we work to grow every student and have them ready for life after graduation. While we focus on growth as a whole system, we specifically look at each student to see how we can best grow them. Since no two students have the same needs, DCS is able to creatively offer multiple CTE programs geared to a variety of interests and abilities.”

READ MORE ««

CTE, or Career and Technical Education, plays a crucial role in middle and high school by offering students a unique and valuable educational experience. CTE courses are designed to be practical and applicable to the real world. Students can see the direct connection between what they are learning in the classroom and how it applies to potential careers. Focusing on developing a wide range of skills, including technical, problem-solving, critical thinking, and communication skills, CTE Classes are teaching skills that are transferable and valuable in many professions. Engaging students in meaningful, hands-on learning experiences through CTE can increase their interest and motivation, potentially reducing dropout rates. Students are more likely to stay in school when they see the relevance of their education to their future goals. Dyersburg City Schools is proud and committed of the high quality CTE opportunities available to ALL Dyersburg students.

WHY IS CTE IMPORTANT?

Kim Yeiter,
Director of CTE

CTE FOR ALL STUDENTS. ALL AGES.

EXPLORE HOW DCS STARTS CTE EDUCATION IN K-5

»»» DYERSBURG PRIMARY SCHOOL/ DYERSBURG INTERMEDIATE SCHOOL

It is never too early to promote CTE in your schools! Elementary school students will love the chance to learn about CTE opportunities and potentially interact with students and the middle or high school. Remember, the goal of CTE is to expand access to much needed skills and opportunities in our work force . CTE serves as a platform for schools, students, and parents to begin planning their future, by thinking about early postsecondary opportunities and college.



»»» DIS STEM

The DIS STEM class is off to a fantastic beginning! All students participate in activities in the STEM Lab during their Discovery rotation. DIS students are exploring the Engineering Process through different activities during the first semester. Our third-grade students are exploring building structures with sturdy foundations through the use of Keva Planks. Fourth graders are utilizing our Vex Go kits to build and test cars powered by different methods. Designing with Tinkercad and 3D printing has been a highlight for the fifth-grade students. As the students build their foundational skills through STEM projects at DIS, we will be able to see their problem-solving skills further developed throughout their educational career in Dyersburg City Schools.



DYERSBURG MIDDLE SCHOOL



»»» COMPUTER SCIENCE

At Dyersburg Middle School, seventh-grade students are making significant progress in their exploration and education of the Python programming language. They have surpassed basic block coding and are now proficient in writing their own programs. At the High School level, two classes are continuing their study of Python to develop programs at a more advanced level. The ultimate objective is to equip students with skills that can be applied in their future careers.



»»» CAREER EXPLORATION

In Career Exploration classes at DMS, we aim to open up students' perspectives about classes offered at DHS, post secondary learning opportunities, and career opportunities. 6th grade students begin by learning about themselves. By exploring learning styles, the theory of multiple intelligences, and personality types, students become aware of their personal strengths and abilities. In 7th grade, students take a deep dive into a career that fits their personal strengths and interests. By the time students take career exploration as 8th graders, they focus on the YouScience program. This program has students take a screener to see what their aptitudes and abilities are. Students then use these results to begin making their high school schedule, keeping in mind all of the information from 6th and 7th grade career exploration classes.

GIVE US ALL THE ADVICE

“The expert in anything was once a beginner.” — Helen Hayes

“The best way to predict your future is to create it.” — Abraham Lincoln

“You are braver than you believe, stronger than you seem and smarter than you think.” —A.A. Milne



DYERSBURG MIDDLE SCHOOL

>>> STEM

This has been an exciting time for students at Dyersburg Middle School with the completion of the new STEM lab and addition of new 3D printers and robots. Students have the opportunity to put their skills to the test through building robots, programming robots, 3D design, 3D printing, circuit building, Cricut vinyl and paper cutting, virtual welding, and numerous engineering challenges. We offered a school-wide carnival night where students were responsible for designing, building, and presenting their own carnival games. The students enjoyed presenting their game to members of the public and prizes were awarded to the top three designs. One of the newest additions to our program has been epoxy resin keychains. Students have been working hard to learn a variety of different resin pouring techniques and have really enjoyed seeing their finished products. Many of the products students are designing on the Cricut, 3D printers, epoxy resin, and wood are being sold to support the STEM program here at Dyersburg Middle School. We are so appreciative of the support we have received from all of our community partners and look forward to continuing to work alongside the other schools in our district to grow our students and expand our program.

>>> AG

Congratulations to the DMS Livestock team for finishing 6th out of 22 teams at the Regional Livestock Evaluation Contest. Special shout out to Caroline Wells for being the 3rd high overall individual!!! We are super proud of the work these girls have put in!!!



DYERSBURG HIGH SCHOOL

➤➤➤ CAREER EXPLORATION

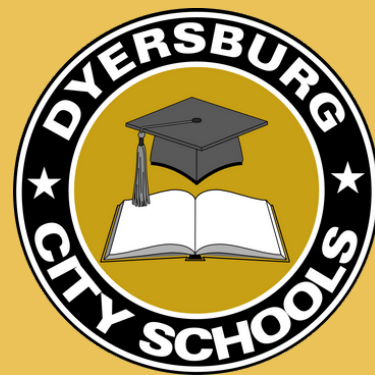
A comprehensive course covers essential aspects such as completing job applications, crafting resumes, and acquiring job interview skills. Furthermore, students are acquiring valuable CPR/AED and first aid skills. It is worth noting that several students have already obtained certification from the American Heart Association in these areas.



➤➤➤ NURSING EDUCATION

Students learn about the basics of the healthcare field. Students learn communication skills, medical terminology, anatomy & physiology and how to take vital signs in classes such as Health Science, Medical Therapeutics, Medical Terminology, & Nursing Education. The students who complete Health Science, Medical Therapeutics, and Medical Terminology are eligible to take the dual enrollment Patient Care Technician class their senior year. In the PCT class these students have the opportunity to receive a Healthcare Technician diploma from Dyersburg State Community College.

IT'S ALWAYS
A GREAT DAY
TO BE A
TROJAN!



➤➤➤ JOURNALISM



The journalism program at DHS creates a state award-winning newspaper that showcases the talents of students in our school and gives a voice to those who are not always willing to speak out. The journalists do everything from creating interview questions to conducting the interviews, drafting the articles, and creating a visually appealing layout for the print magazine. In addition, these young people spend a great amount of their time honing their photography skills at various events that involve the students of DHS. The online presence of the school newspaper is continuing to grow with the talent of student reporters getting involved in activities around campus. Being heard is not always easy, especially when the world sees you as a "kid," but the Trojan Torch has been a welcome outreach to the community from the students at Dyersburg High.

➤➤➤ BUSINESS/ MARKETING



DHS offers two business classes at DHS: Intro to Business and Business Management. Business Management offers a state dual credit for students who pass the state exam in the spring. Both courses cover various topics such as entrepreneurship, marketing, accounting, banking, finance, financial literacy, and economics. Practical skills are also incorporated such as balancing a checkbook and reading financial pages for publicly traded companies. Students in Business Management will present individualized, extensive business plans as their final projects in the spring. As part of their class certification, Business Management students will also work towards receiving Express Employment Professionals Career Preparedness Certification Strategies for Success. Students in Business Management will also have the opportunity to receive college credit with passing of the State Dual Credit Exam in the spring.

➤➤➤ TEACHING AS A PROFESSION



DHS offers TAP 1 and TAP 2 to students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students in TAP 2 will conduct observations of educators at work and create artifacts for a course portfolio, which will continue with them throughout the program of study. Upon completion of this course, proficient students will have a fundamental understanding of instructional strategies needed for becoming an educator.

Students in both TAP 1 and TAP 2 will receive their Tennessee Early Childhood Training Alliance through Tennessee State University, facilitated by TECTA specialists at Dyersburg State. Upperclassmen with TAP 1 and TAP 2 recently visited the University of Tennessee at Martin to tour the campus and meet with the Dean of Education.

The TAP I and TAP II classes visited the UT Martin College of Education Program October 26 and toured the campus including housing facilities.

WELDING



The Advanced Manufacturing Class handcrafted the trophies, for a second year in a row, for the Rides 4 Rugrats Car Show which benefits the Angel Tree program and the Trade School Scholarship program. We want to give a special thank you to John Allen Walker for designing and constructing the grand prize leather belt, which was hand cut and stitched.



STEM

The new STEM lab had its official Chamber Ribbon Cutting and welcomed guests from all over town. We were able to showcase different areas of class such as robotics 3-D printing, Auto CAD Drawings, laser etching, and a project where students converted a gas powered go-cart to an electric go-cart.



➤➤➤ AG

FFA is an intracurricular student organization for those interested in agriculture and leadership. It is one of the three components of agricultural education: FFA, Supervised Agricultural Experiences, and Classroom Instruction. FFA develops members' potential and helps them discover their talent through hands-on experiences, which gives members the tools to achieve real-world success. FFA membership is open to students in grades 5-12 and college enrolled in an agricultural education course. Tennessee FFA activities occur on the chapter, regional, and state levels.

DHS FFA attended the 95th Annual Tennessee State Convention on November 1-4 in Gatlinburg, TN.

➤➤➤ AV PRODUCTION

A/V Productions is a course where students learn the ins and outs of videography. Students will learn how to plan for production, how to properly operate a DSLR camera, how to film with proper cinematography techniques, and how to edit their own videos. Students will learn all processes of filming including pre-production, production, and post-production. Students will work on a variety of projects that give them the ability to show off their skills. In A/V Production II, students work on projects specifically geared towards the school and community. Students also have the opportunity to become certified in Adobe Premiere Pro, the editing software used in this course.

➤➤➤ CRIMINAL JUSTICE

Criminal Justice is a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, the concepts of crime control and the judicial process, and the importance of communications and professionalism in law enforcement.

Recently, the Criminal Justice class visited Dyer County's Court House and Corrections Facility.

➤➤➤ COLLEGE STREET CAMPUS

At College Street Campus, we want students to have the opportunity for hands-on CTE classes. At this time, we currently have Welding using augmented reality. This was provided through Ermco and has been a great addition to our program. Students can increase their skills with welding and are scored with each try. We also have a Button Maker. Our students have already made over 500 buttons for the staff of Dyersburg City Schools. We have heat presses for making T-shirts and hats. We were able to attach the patches for scrubs for the Nursing program at DHS. In the spring, we will be incorporating Ag through our greenhouse and raised flower beds. Our goal is to model Marketing and Business skills with our buttons, t-shirts, hats, and greenhouse plants. In all these areas, students will learn specific job skills that will be invaluable.

