



It's Working!

cte

CAREER & TECHNICAL EDUCATION
CLARE-GADWIN RESD

HATCHED!

CTE's Ag-Science Class: Born in a Barn



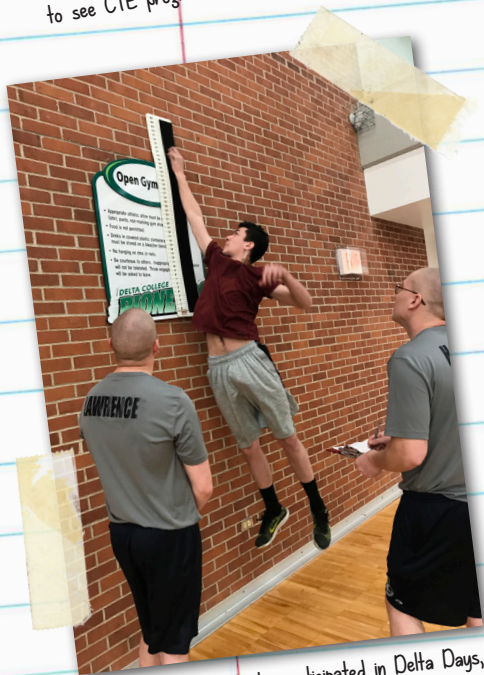
THE YEAR IN PICTURES AT CTE



The annual Manufacturing Day event gave local eighth-graders an opportunity to see CTE programs like **Advanced Manufacturing** in action.



In **Welding Technology**, students live by the motto 'Do Your Best, Grind the Rest.'



Criminal Justice students participated in Delta Days, a series of physical and mental competitions for future law enforcement workers.



CTE held its first-ever **Reverse Job Fair**, in which students set up booths for local employers to visit, and sharpened their interviewing skills, work samples and résumés in the process.



Each Spring, CTE teachers recognize the best and brightest students at the CTE Awards. These **Health Occupations** students were lauded for their above-and-beyond performance in class.



CTE's annual Summer Camp gave youngsters an early look at programs like **Automotive Technology**.



Students in **Automotive Technology** got the full educational treatment, gaining bumper-to-bumper knowledge about autos of many different types.



When school started, **Digital Media** students hit the ground running, learning HTML coding early on.



Every other school year, students in the **Construction Trades** class literally build a house from the ground up. This year, the action takes place on Tonkin Street in Beaverton.



Field trips are a significant part of the curriculum in CTE's new **Agricultural Science** class. Stops on the itinerary included a dairy farm run by Michigan State University.



On-the-job training is available for eligible CTE students, particularly in **Education Occupations**, whose students are placed in classrooms in five local districts.



If you like your greens, you'd love **Culinary Arts'** Salad Lab. Students worked on preparation and presentation, honing the skills that allow them to cater current events and to possibly forge their futures.



MANY HANDS, GREAT WORK

CGRESD-Led Consortium Secures \$1.25 Million CTE Grant

Nearly 6,000 students in the region, including those in the Clare-Gladwin Career & Technical Education program, will be among the first beneficiaries of the state's Marshall Plan for Talent Innovation Grants. The Clare-Gladwin Regional Education Service District, which administers the CTE program serving high school students in Gladwin, Farwell, Harrison, Beaverton and Clare, led a local consortium that applied for the \$1.254 million grant. On Dec. 16, the state announced it as one of nine awarded consortia in the state.

Jim McBryde, President and CEO of the Middle Michigan Development Corporation, convened the group known technically as the Middle Michigan Professional Trades Talent Consortium. MMPTTC will use the grant to accomplish several objectives in CTE Automotive & Diesel Technology labs in Clare and Gladwin, assisting with the purchase of modern equipment and technology, as well as hiring Career Navigators to assist students and establishing an educator externship program. Through a partnership with Mid Michigan College, students in the Automotive program will have the opportunity to earn more industry-recognized certifications while still in high school.

"The work put into earning this grant was unlike anything any of us had seen," said CGRESD Superintendent Sheryl Presler. "For four months, we've collaborated with nearly 30 local organizations – schools, businesses, colleges and universities, our state legislators, non-profits and many other entities. And it was worth every ounce of effort to be able to better prepare our local kids for careers they will love."

The MMPTTC was one of just nine consortia awarded grants in the final phase after nearly 90 applied back in August. That number was pared down to 22 for the third and final round of applications in November before the final awardees were announced Dec. 16 at a ceremony in Lansing.

"This is a great win for our community, and especially for our kids," McBryde said. "Every step we take is in the pursuit of developing our local talent to contribute to our local workforce, and this grant represents a significant leap in that direction."

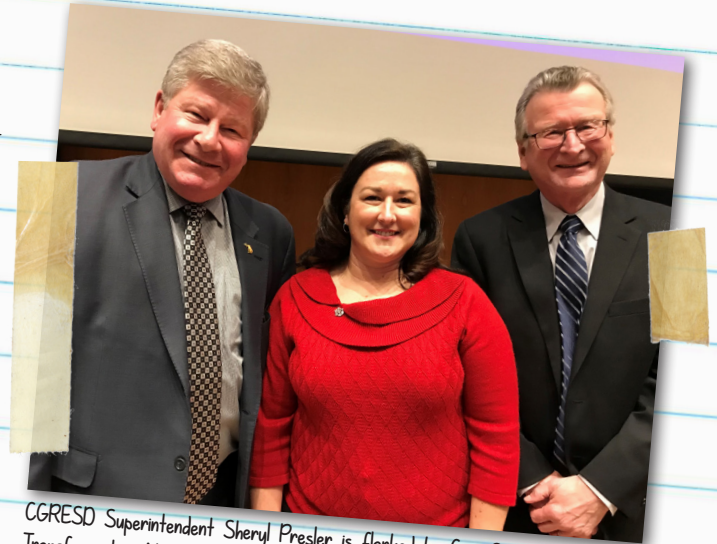
CTE Director Sandy Russell said the grant will benefit all local CTE students in some form or fashion.

"While it's true that the grant money will help us equip our new Automotive and Diesel lab at the Magnus Center in Clare County, as well as provide for some much-needed upgrades in the lab at Gladwin High School, this is going to help us better serve every CTE student," Russell said. "With the ability to hire Career Navigators to work with students at each school, we'll be able to close the gap between kids, their potential careers and the local employers who need their talents."

State Rep. Jason Wentworth praised the RESD for pulling together the right team to earn the grant. "This is where the Clare-Gladwin RESD excels in a way that nobody else can – convening the right players for the job, carrying out the execution and leading the charge on impactful projects," he said. "This was a massive undertaking, and the payoff for our students and communities is huge."

Presler was quick to credit the hard work of her CTE team and all the collaborative partners involved.

"One of the prime directives from the state for this grant was to pool resources, time and talent with as many partners as we could, for all the obvious reasons," she said. "The good news is that we're already well-versed in doing that, and so are our collaborators. Our gratitude extends to all who pitched in; their impact will be felt through our CTE programs for years to come."



CGRESD Superintendent Sheryl Presler is flanked by Gov. Snyder's Transformation Manager Rich Baird and Gratiot-Isabella RESD Superintendent Jan Amsterburg at the ceremony announcing recipients of the Marshall Plan grants.

MARSHALL PLAN PARTNERS

Convener: Middle Michigan Development Corp.

Schools: Clare Gladwin RESD, Beaverton Rural Schools, Clare Public Schools, Farwell Area Schools, Harrison Community Schools, Gladwin Community Schools

Business and Industry: McGuire Chevrolet, Dean Transportation, Sugar Springs Marina, Macon Marine Center, Double D's Automotive, Foster Automotive Inc., Graff Motor Sales, Secord Lake Marina, Bob's Tire Store, Triple M Collision of Gladwin, Gladwin County Road Commission, Michigan Automotive Dealers Association, Central Michigan Manufacturer's Association, Snap-On Tools

Postsecondary: Mid Michigan College, Central Michigan University, Ferris State University

Workforce Development: Michigan Works! Region 7B, Gladwin County Economic Development Corporation

Government, Non-Profit and Other Partners: Representative Jason Wentworth, Senator Judy Emmons, Senator-Elect Rick Outman, Senator Jim Stamas, Gladwin County Chamber of Commerce, Eastern Michigan Council of Governments, United Way of Clare & Gladwin Counties, East Central Council of Governments, MISTEM, Clare County Community Foundation

TAKE A spin AT THE NEW



Whether it's industry-standard teaching equipment or good old-fashioned room to move, when the new CTE Automotive & Diesel Technology lab opens for business in the fall of 2019, it's going to represent a quantum leap forward for students in the program. Here's an early look at what it'll have to offer.

New and Upgraded CTE Auto Certification Opportunities

ASE Entry-Level Certifications

- Automatic Transmission/Transaxle
- Automobile Service & Technology
- Brakes
- Electrical/Electronic Systems
- Engine Performance
- Engine Repair
- Heating & Air Conditioning
- Maintenance & Light Repair

- Manual Drive Train & Axles
- Suspension & Steering

NC3 Certifications

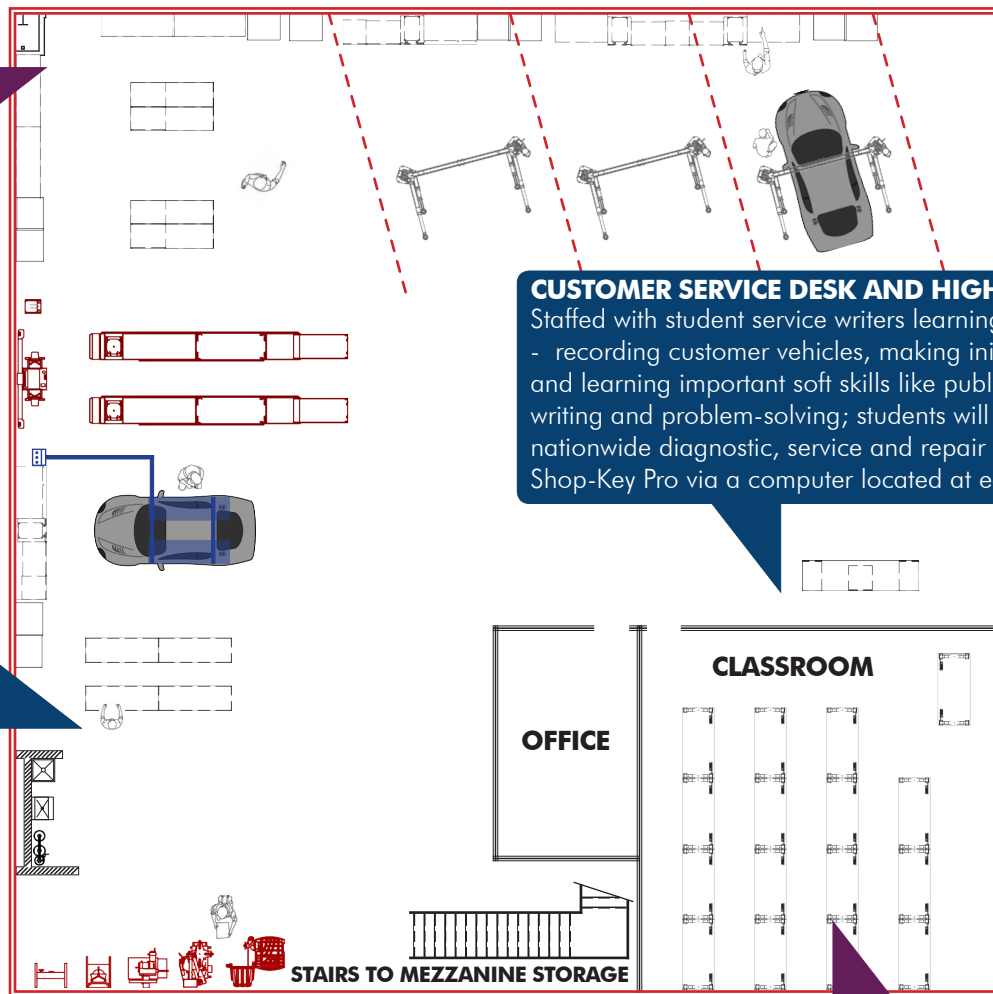
- Automotive Scanner Diagnostics
- Battery, Starting, and Charging Certification
- Multimeter Certification
- Precision Measuring Instruments

ENGINE/ TRANSMISSION REBUILD AREA

The space in the northwest corner will serve as the engine/transmission rebuild area for advanced students and a flexible workspace for beginners

ALIGNMENT RACK AND WHEEL/TIRE SERVICE AREA

Offering top-of-the-line equipment usually seen only at dealerships, the alignment rack setup provides a great learning tool, with a mounted monitor to teach students proper use; Students get hands-on experience with tire changers and balancers, as well as an on-car brake lathe



CUSTOMER SERVICE DESK AND HIGH-TECH BAYS

Staffed with student service writers learning the ropes - recording customer vehicles, making initial assessments and learning important soft skills like public speaking, writing and problem-solving; students will have access to nationwide diagnostic, service and repair data through Shop-Key Pro via a computer located at each service bay

HIGH-TECH CLASSROOM

Each student workbench is equipped with electrical service to build skills in soldering, alternator testing and more; the instructor's demonstration table features an overhead camera, allowing for projection of the demonstration for the entire class

HANDS ON THE JOB

It's next-level training for students in CTE's Work-Based Learning experience

In one regard, CTE is all about providing students with hands-on education in many different vocations. In another, it's also a place where kids can apply their CTE training out in the workplace through CTE's Work-Based Learning program.

WBL can range from a full- or part-time working position to job shadowing/mentoring to an industry-related field trip. The common thread: they all put students in workplaces to learn about potential careers, and they all give employers a chance to groom potential future staff.

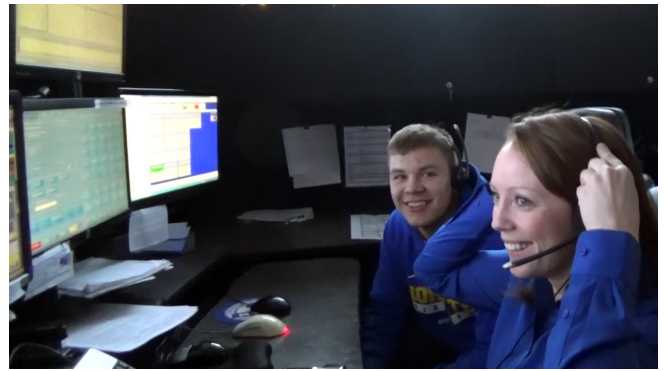
"Last year, 75 CTE students were placed in some sort of WBL experience in 48 different workplaces," says Eric Johnson, who heads up CTE's WBL program. "And while our primary goal is getting students exposed to possible career options, the employers

are gaining an extra set of hands to conduct their day-to-day business - an extra employee."

Johnson said there's a whole litany of skills students acquire through WBL.

"It's a real-life job simulation, so students are held to the same standards and consequences as adult employees," he says. "So that means showing up on time, doing your work well and in a timely manner, communicating properly with customers and colleagues...all the skills they're going to need out in the world when they're part of the workforce.

"We're grateful to all those employers who participate in WBL," Johnson adds. "It's a great illustration of CTE being able to prepare kids through true community collaboration."



CTE

MORE THAN YOU KNOW

Think you know what today's CTE is all about? Let's find out with a little side-by-side comparison.

CTE THEN

CTE NOW

Vocational Education

Career & Technical Education

For "those" students

For ALL students

For a few "jobs"

For ALL "careers"

In lieu of academics

Aligns and supports academics

High School Focused

High School and College Partnerships

For "entry-level" skills

For careers that require some post-secondary education

MILESTONES

- When voters in Clare and Gladwin Counties approved the CTE millage in 2016, one of the promises accompanying passage was the implementation of new programs in areas like Manufacturing and Agricultural Science. The former was introduced last year, and when school started in late August, the latter was officially launched as the latest addition to CTE's hands-on educational offerings, with Tony Wood leading the class as its instructor.
- Clare-Gladwin RESD was awarded a grant by the Michigan Department of Education totaling \$400,000 as part of \$5 million in grants statewide to local Career & Technical Education programs. The CTE Innovation and Equipment Competitive Grants allow districts to obtain equipment to expand programs in manufacturing, with an emphasis on mechatronics, computer numerical control machining and welding. The grant money was used to upgrade equipment in CTE's Welding and Advanced Manufacturing classes.
- CTE's Construction Trades students moved into their new 10,000 square-foot classroom/lab facility earlier this spring. In the past decade, students in that class have had to use at least six different locations as classrooms in which to learn. This new structure represents a permanent and entirely suitable home for the program. The remaining space in the new building is set to be occupied by CTE's revamped Automotive & Diesel Technology class beginning in the 2019-20 school year.



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